

# VAD (2-T) PRICE FILE DECEMBER 1999

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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## WORKGROUP / DESKTOP SWITCHES

### A.1. SmartStack Family - Managed

ELS10-27TX	SmartStack 10 - 24 port Ethernet switch, full duplex, 3 10/100 RJ45, 2 EPIM100 slots. (purchase EPIMs separately).	1.675
ELS10-27MDU	SmartStack 10 - 24 port ethernet multi-dwelling unit switch, 3 10/100TX, 2 EPIM100 slots (purchase EPIMs separately)	1.360
EPIM-100TX	Ethernet Port Interface Module for <a href="#">ELS10-27TX</a> - 100BaseTX.	129
EPIM-100FX	Ethernet Port Interface Module for <a href="#">ELS10-27TX</a> - 100BaseTX.	221
ELS100-24TXM	SmartStack 100 - 24 port 10/100BaseTX switch, 1 FEPI slot (purchase EPIMs separately).	2.666
ELS100-24TXG	SmartStack 100 - 24 port 10/100BaseTX switch, 2 GPIM slots (purchase GPIMs separately).	3.556
EPIM100-2F2	Ethernet Port Interface Module for <a href="#">ELS100-24TXM</a> . 2 ports MMF SC connectors.	1.045
EPIM100-2F3	Ethernet Port Interface Module for <a href="#">ELS100-24TXM</a> - 2 ports SMF SC connectors.	5.201
EPIM100-2F4	Ethernet Port Interface Module for <a href="#">ELS100-24TXM</a> - 1 port MMF, 1 port SMF both SC connectors.	3.246
ELS10-FL-UGK	Flash upgrade kit for the <a href="#">ELS10-26TX</a> .	263
ELS100-24FL-UGK	Flash upgrade kit for <a href="#">ELS100-24TX</a> , <a href="#">TXM</a> , <a href="#">TXG</a> .	263

### A.2. SmartStack Family - Unmanaged

ELS100-8TXUF2	8 port 10/100 switch, 1 100BaseFX port.	835
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### A.3. SmartStack Token Ring Family

STS16-20D	Token Ring Desktop Switch - 20 UTP/STP ports, includes Stack Link Module, NO SSIM slots.	4.505
STS16-20R	Token Ring Workgroup Switch - 20 UTP/STP Ports, includes Stack Link Module, NO SSIM slots.	5.770
STS16-20RM	Token Ring Workgroup Switch - 20 UTP/STP Ports, 2 SSIM ports (purchase SSIMs separately).	8.663
STS16-20FRM	Token Ring Workgroup Switch - 20 MMF VF45 Ports, 2 SSIM ports (purchase SSIMs separately).	13.855
STS-LM	Token Ring Stack Link Module with stack cable.	665
STS-5SU	Token Ring Internal Stacker Unit.	1.213
STS-8SU	Stacker Unit with one switch matrix ( <a href="#">STS-SM</a> ).	2.305
STS-SM	Redundant switch matrix for <a href="#">STS-8SU</a> .	1.265
STS-RPC	Redundant Power chassis with one PSU ( <a href="#">STS-PSU</a> ).	1.444
STS-PSU	Redundant PSU for <a href="#">STS-RPC</a> .	982
SSIM-T5-04	SmartStack Interface Module - Token Ring, 4 Ports, UTP/STP RJ45.	1.328
SSIM-T8-04	SmartStack Interface Module - Token Ring, 4 Ports, Fiber MMF ST.	1.843
SSIM-R2-02	SmartStack Interface Module - High Speed Token Ring (HSTR), 2 ports, UTP5 RJ45.	1.271

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SSIM-R8-02	<b>SmartStack Interface Module</b> - High Speed Token Ring (HSTR), 2 ports, MMF VF-45.	1.559
SSIM-A2-01	<b>SmartStack Interface Module</b> - ATM 155 TR LANE, 1 port, UTP5 RJ45.	4.037
SSIM-A8-01	<b>SmartStack Interface Module</b> - ATM 155 TR LANE, 1 port, MMF SC.	4.615
SSIM-H2-02	<b>SmartStack Interface Module</b> - 10/100 Fast Ethernet translational bridge, 2 ports RJ-45.	3.460
9380520	<b>Cable</b> - Volition to ST, 62.5, 2 metres.	36,40
9380521	<b>Cable</b> - Volition to SC, 62.5, 2 metres.	38,65
9380522	<b>Cable</b> - Volition to Volition, 62.5, 2 metres.	17,69

## B. SmartSwitch Family

### B.1. SmartSwitch 2000 Family

2E-BRACKET-KIT	<b>SmartSwitch 2000</b> family - rackmount kit (enables brackets to be mounted in the middle of the unit, not the front).	53
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### B.2. SmartSwitch 2040

2M46-04R	<b>SmartSwitch 2040</b> - 2 HSIM slots, 2 FEPIM slots, includes redundant power supply (purchase FEPIMs, HSIMs separately).	5.067
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### B.3. SmartSwitch 2100

2H23-50R	<b>SmartSwitch 2100</b> - Fast Ethernet switch, 48 ports 10/100 auto-negotiating MicroLAN's via 4 Telco (RJ21) connectors, 2 FEPIM slots, includes redundant power supplies, (purchase FEPIMs separately).	6.700
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### B.4. SmartSwitch 2200

2E42-27R	<b>SmartSwitch 2200</b> - 24 Switched 10BaseT RJ45 ports, 2 FEPIM slots, 1 HSIM slot, includes redundant power supplies (purchase FEPIMs and HSIM, FPIM/ APIM separately).	4.312
2E42-27R-2FETX	<b>SmartSwitch 2200</b> - (2E42-27R) with 2 FE-100TXs pre-installed.	5.133
2E42-27RDC	<b>SmartSwitch 2200</b> - (2E42-27R) with 2 DC power supplies instead of AC supplies.	5.547
2E48-27R	<b>SmartSwitch 2200</b> - 24 switched 10BaseFL MMF ST ports, 2 FEPIM slots, 1 HSIM slot, includes 2 power supplies (purchase FEPIMs, HSIM separately).	10.139
2E49-27R	<b>SmartSwitch 2200</b> - 24 switched 10BaseFL SMF ST ports, 2 FEPIM slots, 1 HSIM slot, includes 2 power supplies (purchase FEPIMs, HSIM separately).	20.283
2E4X-FL-UGK	Bridging and SecureFast image disk for the 2E4X series of standalone SmartSwitches.	263

### B.5. SmartSwitch 2200 - NEXT Generation

2H252-25R	<b>SmartSwitch 2200</b> - 24 10/100 auto-negotiating RJ45 ports, 1 HSIM/VHSIM slot, includes redundant power supply (purchase HSIM/VHSIM separately).	5.067
2H252-25RDC	<b>SmartSwitch 2200</b> - 24 10/100 auto-negotiating RJ45 ports, 1 HSIM/VHSIM slot, DC power supply (purchase HSIM/VHSIM separately).	8.110
2H253-25R	<b>SmartSwitch 2200</b> - 24 10/100 ports via 2 Telco connectors (RJ21), 1 VHSIM slot, Includes redundant internal power supplies (purchase VHSIM separately).	5.067
2E253-49R	<b>SmartSwitch 2201</b> - 48 ethernet ports via 4 Telco connectors (RJ21), 1 HSIM/VHSIM slot, includes redundant power supply (purchase HSIM/VHSIM separately).	6.081
2H258-17R	<b>SmartSwitch 2200</b> - 16 100BaseFX MT-RJ ports, 1 VHSIM slot, includes redundant internal power supplies (purchase VHSIM separately).	13.182
SS-16M-DRAM-UGK	Main Memory upgrade- 16 MB upgrade on the next generation <u>SmartSwitch 6000/2000</u> products.	310

### B.6. SmartSwitch 2500 - ATM

2A200	<b>SmartSwitch 2500</b> - Backbone ATM Switch, 4 slots, 1 power supply (purchase options separately).	10.495
2A200-PS	<b>Redundant power supply</b> for the 2A200 only.	2.095
2A101-12U	<b>SmartSwitch 2500</b> Bundle - 3 I/O modules with 4 category 5 UTP RJ45 ports, power supply, 1 free slot.	8.920

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
2A-IOM-77-4	<b>34 Mbps</b> - E-3, 4 ports Coax BNC.	4.195
2A-IOM-67-4	<b>45 Mbps</b> - DS-3, 4 ports Coax BNC.	4.195
2A-IOM-22-4	<b>155 Mbps</b> - OC-3c/STM-1, 4 ports UPT-5 RJ-45.	1.570
2A-IOM-21-4	<b>155 Mbps</b> - OC-3c/STM-1, 4 ports MMF SC.	2.095
2A-IOM-29-4-IR	<b>155 Mbps</b> - OC-3c/STM-1, 4 ports SMF-IR SC.	6.295
2A-IOM-29-4-LR	<b>155 Mbps</b> - OC-3c/STM-1, 4 ports SMF-LR SC.	8.395
2A-IOM-29-4-MIX	<b>155 Mbps</b> - OC-3c/STM-1, 1 port SMF-IR SC, 3 ports MMF SC.	3.145
2A-IOM-31-1	<b>622 Mbps</b> - OC-12c/STM-4, 1 port MMF SC.	3.670
2A-IOM-39-1	<b>622 Mbps</b> - OC-12c/STM-4, 1 port SMF-IR SC.	6.295
2A-IOM-39-1-LR	<b>622 Mbps</b> - OC-12c/STM-4, 1 port SMF-LR SC.	8.395
2A200-16M-UGK	<b>SmartSwitch 2500</b> Backbone 16mb DRAM upgrade kit (required for release 2.3).	310
SS-ATM-DCD-21	<b>SmartSwitch 2500/6A000</b> CD-ROM Manuals Release 1.2.	100

## DEPARTMENTAL SWITCHES

### C. SmartSwitch & MultiSwitch 700 Families

#### C.1. SmartSwitch 6000 & MultiSwitch 700

6C105	<b>SmartSwitch 6000</b> 5 slot chassis (modular Fan Tray Included)	3.038
DLM6C-AA	<b>DEC/ MultiSwitch 700</b> 5 SLOT CHASSIS	3.038
6EBNDL-01	<b>SmartSwitch 6000</b> bundle - includes 1 chassis (6C105), 1 power supply (6C205-3), and 1 6E122-26 blade.	9.125
6EBNDL-02	<b>SmartSwitch 6000</b> bundle - includes 1 chassis (6C105), 1 power supply (6C205-3), and 1 6E123-26 blade.	9.125
6EBNDL-03	<b>SmartSwitch 6000</b> bundle - includes 1 chassis (6C105), 1 power supply (6C205-3), and 1 6E132-25 blade.	9.125
6HBNDL-01	<b>SmartSwitch 6000</b> bundle - includes 1 chassis (6C105), 1 power supply (6C205-3), and 1 6H123-50 module.	11.153
6HBNDL-02	<b>SmartSwitch 6000</b> bundle - includes 1 chassis (6C105), 1 power supply (6C205-3), and 1 6H133-37 module.	10.139
6C205-3	500 Watt AC power supply.	1.253
HA205-AA	<b>DEC MultiSwitch 700</b> CHASSIS POWER SUPPLY	1.253
6C205-2	510 Watt DC (36 to 72 Volts) power supply.	2.586
HA205-MD	<b>DEC MultiSwitch 700</b> CHASSIS POWER SUPPLY DC	2.586
6C405	Fan Tray.	471
H3105-AA	<b>DEC/ MultiSwitch 700</b> CHASSIS FAN TRAY	471
2/6-01S-FL-UGK	<b>SmartSwitch 2000/6000</b> 1st generation SecureFast FLASH ugrade kit.	263
2/6-01T-FL-UGK	<b>SmartSwitch 2000/6000</b> 1st generation Traditional FLASH ugrade kit.	263

#### C.2. SmartSwitch 6500

6C110	<b>SmartSwitch 6500</b> chassis with cell switching backplane and frame transfer matrix backplane.	6.081
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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
6C210-1	800 watt AC power supply.	3.145
6C210-2	800 watt DC power supply.	3.145
<b>C.3. SmartSwitch 6000 - ATM</b>		
6A000-04	2.5 Gbps ATM switch blade for the <b>SmartSwitch 6000</b> , accepts up to 4 6A-IOM I/O modules.	8.110
6A-CPU-UGK	<b>6A000</b> - CPU memory upgrade for Rel 2.1.	0
<b>C.4. SmartSwitch 6500 - ATM</b>		
6A-CPU66	CPU module with 66 MHz processor and 128 Mb of memory.	3.545
6A-CSM512	Cell Storage Module with 512K buffers.	6.081
6A-TSM512	Translation/Switching blade, accepts 2 6A-IOM modules.	4.053
SS/ATM-DOCCD-22	ATM Manual Set, CD-ROM, release 2.2.	100
SS/ATM-DOCHC-22	ATM Manual Set, Hardcopy, release 2.2.	205
SS/ATM-FWCD-22	ATM Firmware, CD-ROM, release 2.2.	100
SS/ATM-FW/SW-23	<b>SmartSwitch 6500, 2500, 6A000 and 9A100</b> release 2.3 firmware, software and documentation on CD.	100
SS/ATM-SPMA-SOL	Smart Switch ATM Administrator Rel 2.3 for Solaris	2.095
<b>C.5. I/O Modules for the SmartSwitch 6A000, 6500 &amp; 9A100 - ATM</b>		
IOM-67-4	<b>34 Mbps</b> - 4 ports DS-3 coaxial BNC	4.053
IOM-77-4	<b>45 Mbps</b> - 4 ports E-3 coaxial BNC	4.053
IOM-22-4	<b>155 Mbps</b> - 4 ports OC3 UTP5 RJ45	1.383
IOM-21-4	<b>155 Mbps</b> - 4 ports OC3 MMF SC	1.846
IOM-29-4-IR	<b>155 Mbps</b> - 4 ports OC3 SMF-IR SC	6.295
IOM-29-4-LR	<b>155 Mbps</b> - 4 ports OC3 SMF-LR SC	7.629
IOM-29-4-MIX	<b>155 Mbps</b> - 1 port OC3 SMF SC, 3 ports OC3 MMF SC	3.038
IOM-31-1	<b>622 Mbps</b> - 1 port OC12 MMF SC	3.670
IOM-39-1-IR	<b>622 Mbps</b> - 1 port OC12 SMF-IR SC	6.295
IOM-39-1-LR	<b>622 Mbps</b> - 1 port OC12 SMF-LR SC	8.395
IOM-82-4	<b>SmartSwitch 6500</b> only -, 4 E1/T1 ports, circuit emulation, multiservice I/O module.	5.245
<b>C.6. SmartSwitch 6000, 6500 - ETHERNET</b>		
6E122-26	<b>SmartSwitch 6000</b> blade - 24 Switched Ethernet ports, 2 FEPIM slots (purchase FEPIMs separately).	5.780
DLE22-MA	<b>DEC MultiSwitch 700</b> EE MOD 24PT 10BASET	5.780
6E132-25	<b>SmartSwitch 6000</b> blade - 24 Switched Ethernet ports, 1 HSIM slot (purchase HSIM, APIM, FPIM separately).	5.780
DLE32-MA	<b>DEC MultiSwitch 700</b> EE MOD 24PT RJ45 10 BT	5.780
DLE33-MA	<b>DEC MultiSwitch 700</b> ET MOD 24PT RJ21 10BT	5.780

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6E123-26	SmartSwitch 6000 blade - 24 Switched Ethernet via 2 Telco connectors, 2 FEPIM slots (purchase FEPIMs separately).	5.780
DLE23-MA	DEC MultiSwitch 700 ET MOD 24PT 10 BASET	5.780
6E128-26	SmartSwitch 6000 blade - 24 Switched Ethernet MMF ST ports, 2 FEPIM slots (purchase FEPIMs separately).	10.139
DLE28-MA	DEC MultiSwitch 700 EL MOD 24MMF 10BASEFL	10.495
6E138-25	SmartSwitch 6000 blade - 24 Switched Ethernet MMF ST ports, 1 HSIM slot (purchase HSIM, APIM, FPIM separately).	10.139
6E129-26	SmartSwitch 6000 blade - 24 Switched Ethernet SMF ST ports, 2 FEPIM slots (purchase FEPIMs separately).	20.283
6E139-25	SmartSwitch 6000 blade - 24 Switched Ethernet SMF ST ports, 1 HSIM slot (purchase HSIM, APIM, FPIM separately).	20.283
6E123-50	SmartSwitch 6000 blade - 48 port MicroLAN Ethernet via 4 Telco connectors, 2 FEPIM slots (purchase FEPIMs separately).	5.547
6E233-49	SmartSwitch 6000 blade - 48 port via 4 Telco connectors, 1 HSIM slot (purchase HSIM, APIM, FPIM separately).	7.603
DLE49-MA	DEC MultiSwitch 700 48 PORT ETHERNET W/HSIM	7.603
6M146-04	SmartSwitch 6000 blade - 2 HSIM slots, 2 FEPIM slots (purchase HSIMs, FEPIMs separately).	5.067
DLEHF-MA	DEC MultiSwitch 700 2 HSIM slots, 2 Modular Interface Slots (purchase HSIMs, Modular Interfaces separately)	5.067

### C.7. SmartSwitch 6000, 6500 - FAST ETHERNET

6H253-13	SmartSwitch 6000 blade - 12 auto-negotiating 10/100 ports via 1 Telco (RJ21), 1 VHSIM slot (purchase VHSIM separately).	6.589
6H252-17	SmartSwitch 6000 blade - 16 auto-negotiating 10/100 RJ45 ports, 1 HSIM / VHSIM slot (purchase HSIM, VHSIM separately).	6.589
DLE52-MA	DEC MultiSwitch 700 EX MOD 10/100 16PORT 10/100 W/HSIM/VHSIM	6.589
6H258-17	SmartSwitch 6000 blade - 16 100Base-FX MMF MT-RJ ports, 1 VHSIM slot (purchase VHSIM separately).	13.182
6H259-17	SmartSwitch 6000 blade - 16 100Base-FX SMF MT-RJ ports, 1 VHSIM slot (purchase VHSIM separately)	28.399
6H262-18	SmartSwitch 6000 blade - 16 auto negotiating 10/100 RJ45 ports, 2 GPIM slots (1 active, 1 redundant - purchase GPIMs separately).	6.295
6H202-24	SmartSwitch 6000 blade - 24 auto-negotiating 10/100 RJ45 ports, category 5.	7.096
DLE02-MA	DEC MultiSwitch 700 EX MOD 10/100 24PT	7.096
6H203-24	SmartSwitch 6000 blade - 24 auto-negotiating 10/100 ports via 2 Telcos (RJ21).	8.110
6H123-50	SmartSwitch 6000 blade - 48 port MicroLAN 10/100 auto-negotiating via 4 Telco connectors, 2 FEPIM slots (purchase FEPIMs separately).	9.295

## ENTERPRISE / BACKBONE SWITCHES

### D. GIGAswitch Family

#### D.1. GIGAswitch/ATM Family

DAGGA-PA	GIGAswitch/ATM chassis - AC power (purchase power cords separately)	15.215
DAGGA-PD	GIGAswitch/ATM chassis - DC power (purchase power cords separately).	15.215
DAGWG-BA	GIGAswitch/ATM 5 slot chassis - power supply, clock (purchase power cords separately)	5.513
DAGPL-AA	5V power module.	263
DAGPS-AA	5 slot chassis - redundant 20 AMP power supply.	2.282
DAGGL-BB	GIGAswitch/ATM blade - 4 ports with NO mod PMDs (purchase PMD's separately)	5.985

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DAGME-AB	16Mb Expansion Memory for <u>DAGGL-BB</u>	322
DAGGL-CA	<b>622 Mbps</b> - 1 port MMF linecard	10.159
DAGGL-CB	<b>622 Mbps</b> - 1 port SMF linecard	12.070
DAGVP-AA	MOD PHY daughter card	420
QB-3GZAA-WA	<b>GIGAswitch/ATM</b> DOS SRL, RX23, package	110

### D.2. GIGAswitch/FDDI Family

DEFGA-DA	<b>GIGAswitch/FDDI</b> bundle - includes 4 port blade with SAS MMF MIC PMD's, Switch Control Processor, power supply (purchase power cord separately).	28.875
DEFGA-EA	<b>GIGAswitch/FDDI</b> bundle - includes 4 port blade with SAS slots, Switch Control Processor, power supply (purchase PMD's and power cord separately).	26.775
DEFGA-FA	<b>GIGAswitch/FDDI</b> bundle - includes 2 port blade with DAS slots, Switch Control Processor, power supply (purchase PMD's and power cord separately).	25.620
DEFGC-AA	<b>GIGAswitch 2000</b> , FDDI - ATM Bridge/Router (purchase PMD's separately).	11.025
DEFGB-AB	Non USA power supply.	2.363
DEFGB-BA	48V DC Power front end unit	2.363
DEFGB-DB	non USA 20 amp power supply	2.363
DEFGX-AA	15 Amp power cord (17-00083-62).	42
DEFGP-AA	Switch Control Processor (SCP) module.	15.750
DEFGI-BC	<b>GIGAswitch/FDDI</b> blade - 4 port FDDI with 4 SAS UTP RJ45 (includes 4 PMDs)	14.805
DEFGI-AB	<b>GIGAswitch/FDDI</b> blade - 2 port FDDI with 2 DAS MMF MIC (includes 4 PMDs)	13.545
DEFGI-BB	<b>GIGAswitch/FDDI</b> blade - 4 port FDDI with 4 SAS MMF MIC (includes 4 PMDs)	15.855
DEFGI-AA	<b>GIGAswitch/FDDI</b> blade - 2 port FDDI (SAS or DAS) (purchase PMD's separately)	11.445
DEFGI-BA	<b>GIGAswitch/FDDI</b> blade - 4 port FDDI (SAS only) (purchase PMD's separately).	13.755
DEFGF-AA	<b>GIGAswitch/FDDI</b> blade - 4 port Fast Ethernet switch	9.445

### D.3. GIGAswitch Common Parts

DAGPL-AB	48V power module	788
BN27M-2E	Power Cord - <b>Central Europe</b>	9
BN27K-2E	Power Cord - <b>Denmark</b>	9
BN27P-2E	Power Cord - <b>India / South Africa</b>	9
BN27N-2E	Power Cord - <b>Israel</b>	9
BN27J-2E	Power Cord - <b>Italy</b>	9
BN27G-2E	Power Cord - <b>Switzerland</b>	9
BN27Q-2E	Power Cord - <b>UK / Ireland</b>	9
DEFGX-AX	Country Kit GIGAswitch - <b>Central Europe</b>	42
DEFGX-AD	Country Kit GIGAswitch - <b>Denmark</b>	42

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
DEFGX-BJ	Country Kit GIGAswitch - <b>India / South Africa</b>	42
DEFGX-AT	Country Kit GIGAswitch - <b>Israel</b>	42
DEFGX-AI	Country Kit GIGAswitch - <b>Italy</b>	42
DEFGX-AE	Country Kit GIGAswitch - <b>UK / Ireland</b>	42
QB-0JGAA-WA	GIGAswitch SYS DOS SRL RX23	126

## E. SmartSwitch Family

### E.1. SmartSwitch 9000

9C106	<b>SmartSwitch 9000</b> - 6 slot chassis.	3.698
9C706	<b>SmartSwitch 9000</b> - 6 slot chassis with Cell Transfer Matrix (CTM) backplane.	6.295
9C706-UGK	<b>SmartSwitch 9000</b> - 6 slot chassis CTM backplane upgrade kit.	1.360
9C114	<b>SmartSwitch 9000</b> - 14 slot chassis.	5.683
9C714	<b>SmartSwitch 9000</b> 14 slot chassis with the CTM (Cell Transfer Matrix) backplane.	10.495
9C714-UGK	<b>SmartSwitch 9000</b> - 14 slot chassis CTM backplane upgrade kit.	4.930
9C114-BUNDLE	<b>SmartSwitch 9000</b> bundle - 1 14 slot chassis (9C114), 1 environmental module (9C300-1), 2 power supplies (9C214-1), 2 INB termination modules (9C614), 1 RJ45 connector EPIM-T, 13 blades each with 24 10/100BaseTX RJ45 ports (9H532-24).	71.106
9C114-BUNDLE2	<b>SmartSwitch 9000</b> bundle - 1 14 slot chassis (9C114), 1 environmental module (9C300-1), 1 DC power supplies (9C214-2), 2 INB termination modules (9C614), 1 RJ45 connector EPIM-T, 6 blades each with 24 10/100BaseTX RJ45 ports (9H532-24), 1 blade with 16 100BaseTX RJ45	45.360
9C114-BUNDLE3	<b>SmartSwitch 9000</b> bundle - 1 14 slot chassis (9C114), 1 environmental module (9C300-1), 1 DC power supplies (9C214-2), 2 INB termination modules (9C614), 1 RJ45 connector EPIM-T, 6 blades each with 24 10/100BaseTX RJ45 ports (9H532-24), 1 blade with 16 100BaseTX RJ45	45.360
9C206-1	6 slot chassis - power supply (AC).	1.750
9C214-1	14 slot chassis - 100-250v AC power supply.	2.308
9C214-2	14 slot chassis - Intelligent DC power supply.	3.497
9C214-3	14 slot chassis - 2000 Watt power supply.	5.245
9C500	14 slot chassis - power box, holds 2 9C214-1 (AC) or 9C214-2 (DC) power supplies (purchase power supplies separately).	2.184
9C306	6 slot chassis - system monitor module.	963
9C306-FL-UGK	Image disk upgrade kit for the <u>9C306</u> .	919
9C406	6 slot chassis - fan module.	609
9C300-1	14 slot chassis - environmental module.	2.958
9C300-1-BT-UGK	Boot prom upgrade kit for <u>9C300</u> .	0
9C300-1-FL-UGK	Image Disk for <u>9C300-1</u> .	919
9C614	INB Termination Modules for each <b>SmartSwitch 9000</b> chassis [All INB modules require the installation of 2 9C614]	743

### E.2. SmartSwitch 9500 - ATM

9A686-04	<b>ATM Switch Module</b> - 5.4 Gbps, single slot, 4 ATM Network Interface Module (ANIM) slots (purchase ANIMs separately).	20.995
ANIM-77/2	<b>SmartSwitch 9A656-04</b> ANIM 34 Mbps - 2 ports E-3, Coax BNC.	2.024
ANIM-67/2	<b>SmartSwitch 9A656-04</b> ANIM 45 Mbps - 2 ports DS-3, Coax BNC.	2.024

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ANIM-21/3	SmartSwitch 9A656-04 ANIM 155 Mbps - 3 ports OC-3, MMF, SC.	2.095
ANIM-29/3	SmartSwitch 9A656-04 ANIM 155 Mbps - 3 ports OC-3, SMF SC.	2.935
ANIM-29/3LR	SmartSwitch 9A656-04 ANIM 155 Mbps - 3 ports OC-3, SMF SC, long reach.	3.565
ANIM-22/4	SmartSwitch 9A656-04 ANIM 155 Mbps - 4 ports OC-3, UTP RJ45.	1.360
ANIM-21/4	SmartSwitch 9A656-04 ANIM 155 Mbps - 4 ports OC-3, MMF MT-RJ.	2.515
ANIM-29/4	SmartSwitch 9A656-04 ANIM 155 Mbps - 4 ports OC-3, SMF MT-RJ.	5.245
ANIM-31/2	SmartSwitch 9A656-04 ANIM 622 Mbps - 2 ports OC-12, MMF SC.	6.935
ANIM-39/2	SmartSwitch 9A656-04 ANIM 622 Mbps - 2 ports OC-12, SMF SC.	10.406
ANIM-39/2LR	SmartSwitch 9A656-04 ANIM 622 Mbps - 2 ports OC-12, SMF SC, long reach.	13.876
ANIM-59/1	SmartSwitch 9A656-04 ANIM 2.4 Gbps - 1 port OC-48, SMF, SC.	31.495
ANIM-59/1LR	SmartSwitch 9A656-04 ANIM 2.4 Gbps - 1 port OC-48, SMF, SC, long reach.	36.745
9A656-FL-UGK	<u>9A656-04</u> - flash upgrade kit for the, bridge image only.	263

### E.3. SmartSwitch 9000 - ATM INB

9A4XX-FL-ADV	Advanced Services Image Disk	263
LUE-UGK	Look Up Engine Upgrade Kit for the <u>9A426-02</u> and <u>7A06-01</u>	2.157

### E.4. SmartSwitch 9000 - ATM Enterprise Switch

9A100-04	ATM Switch Module - 2.5 Gbps with 4 open slots for up to 4 I/O modules (purchase I/O modules separately).	10.495
9A128-01-FL-UGK	<u>9A128-01</u> - flash upgrade kit.	263

### E.5. SmartSwitch 9000 - ETHERNET INB

9E423-36	Ethernet SmartSWITCH Module - 36 ports via 3 Telco (RJ-21) connectors.	9.255
9E4XX-FL-ADV	Advanced Services Image Disk.	263

### E.6. SmartSwitch 9000 - FAST ETHERNET INB

9H532-17	Next generation 100BaseT SmartSwitch Module - 16 ports, 100BaseTX RJ45, 1 VHSIM slot, uses 2 slots (purchase VHSIM separately).	12.768
9H532-18	Next generation 100BaseT SmartSwitch Module - 16 ports, 100BaseTX RJ45, 2 GPIM slots (purchase GPIMs separately).	12.768
9H531-17	Next generation 100BaseFX SmartSwitch Module - 16 ports, 100BaseFX, MMF MT-RJ, 1 VHSIM slot, uses 2 slots (purchase VHSIM separately).	16.527
9H531-18	Next generation 100BaseFX SmartSwitch Module - 16 ports, 100BaseFX, MMF, 2 GPIM slots, (purchase GPIMs separately).	16.527
9H532-24	Next generation 100BaseT SmartSwitch Module - 24 ports, 100BaseTX RJ45.	12.768
9H533-24	Next generation 100BaseT SmartSwitch Module - 24 ports, 100BaseTX RJ21.	12.768
9H531-24	Next generation 100BaseFX SmartSwitch Module - 24 ports, 100BaseFX, MMF Mini MT-MJ.	16.527
9H539-24	Next generation 100BaseFX SmartSwitch Module - 24 ports, 100BaseFX, SMF.	34.283
9H422-12	100BaseT SmartSwitch Module - 11 ports RJ45, 1 FEPIM slot (purchase FEPIM separately).	14.059
9H421-12	100BaseT SmartSwitch Module - 12 ports MMF SC.	19.660

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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9H4XX-FL-ADV	Advanced Services Image Disk for <u>9H4XX-XX</u> .	263
9H5XX-FL-UGK	Flash upgrade kit for the new <u>9X5XX</u> .	263

### E.7. SmartSwitch 9000 - GIGABIT ETHERNET INB

9G536-04	<b>Next Generation Gigabit Ethernet SmartSwitch Module</b> - 4 GPIM slots (purchase GPIMs separately).	12.768
9G4XX-FL-ADV	Advanced services image disk for the <u>9G4XX-XX</u> .	263

### E.8. SmartSwitch 9000 - FDDI FNB

9F241-12	<b>FDDI MicroLAN Module</b> - 12 ports, MMF SC.	14.959
9F241-FL-UGK	<u>9F241-14</u> - flash upgrade kit for the	263
9F12X-FL-UGK	<u>9F12X</u> Series Image Disk	263

### E.9. SmartSwitch 9000 - FDDI INB

9F426-02	<b>FDDI SmartSwitch Module</b> - 2 FPIM slots (purchase FPIMs separately).	13.399
9F426-03	<b>FDDI SmartSwitch Module</b> - 3 FPIM slots (purchase FPIMs separately).	14.515
9F4XX-FL-ADV	<u>9F426-02</u> Advanced Services Image Disk.	263
9F42X-FL-UGK	<u>9F42X</u> Series Image Disk	263

### E.10. SmartSwitch 9000 - TOKEN RING FNB/INB

9T425-16	<b>Token Ring SmartSwitch Module</b> - 16 ports, UTP/STP RJ45, uses 2 slots.	19.945
9T428-16	<b>Token Ring SmartSwitch Module</b> - 16 ports, MMF ST, uses 2 slots.	20.995
9T425-FL-ADV	<u>9T425-XX</u> Advanced Services Image Disk.	263
9T125-24	<b>Token Ring MicroLAN Module</b> - 2 12 port concentrators UTP/STP RJ45 (24 ports) switched to FNB.	11.562
9T1XX-FL-UGK	Image disk upgrade kit for <u>9T1XX-X</u> .	919

## F. SmartSwitch & GIGAswitch Router Families

### F.1. SmartSwitch Router - 2000

SSR-2-B-AA	<b>SmartSwitch Router 2000</b> (NEXT GENERATION) - 16 port 10/100BaseTX, 2 expansion slots, redundant power supply, SmartSwitch Router Services software.	5.770
SSR-2-PKG-AA	<b>SmartSwitch Router 2000 bundle</b> (NEXT GENERATION) - 24 10/100BaseTX ports (SSR-2-B + SSR-2-TX), 2 port 1000 BaseSX expansion module (SSR-2-SX), redundant power supply, SmartSwitch Router Services software.	9.445
SSR-2-WAN-AA	<b>SmartSwitch Router 2000 WAN bundle</b> (NEXT GENERATION) - 1 base unit (SSR-2-B), 1 dual serial port with 2 T1/E1 WAN ports (SSR-2-SER), redundant power supply, SmartSwitch Router Services software.	7.340
2MPS-BNDL	<b>MPOA Server Bundle</b> - 1 base unit (SSR-2-B-AA); 1 SmartSwitch 2040 (2M46-04R) with HSIM-A6DP, HSIM-FE6, APIM-2, FE-100TX; 9360179-3.	15.745
SSR-2-TX-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - 8 port 10/100BaseTX expansion.	2.620
SSR-2-FX-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - 8 port 100BaseFX expansion.	6.820
SSR-2-SX-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - 2 port 1000BaseSX expansion.	3.670
SSR-2-LX-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - 2 port 1000BaseLX expansion.	6.820
SSR-2-LX70-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - 1 port 70km 1000BaseLX expansion. <b><u>BUILT TO ORDER</u></b> .	11.545

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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SSR-2-SER-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - dual serial port, NO compression or encryption.	3.145
SSR-2-SERC-AA	<b>SmartSwitch Router 2000 Module</b> (NEXT GENERATION) - quad serial port, with compression.	6.820
SSR-CW-UGK	Upgrade kit for <u>Corewatch</u> .	263

#### F.2. SmartSwitch Router - 2100

SSR-2-GSX	<b>SmartSwitch Router 2100</b> - 8 ports 1000 BaseSX, redundant power supply, SmartSwitch Router Services software, Corewatch management software. NO expansion slots.	15.745
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#### F.3. SmartSwitch Router - 8000 & GIGAswitch Router 8-Slot

SSR-8	<b>SmartSwitch Router 8000</b> - 8 slot chassis, backplane, modular fan.	4.615
DGSRA-AA	<b>GIGAswitch Router</b> - 8-SLOT SYSTEM CHASSIS, BACKPLANE, FAN	4.615
SSR-PS-8	AC power supply (2 may be used for load-sharing redundancy).	1.675
DGSRP-AA	<b>GIGAswitch Router</b> 8 SLOT POWER SUPPLY	1.675
SSR-PS-8-DC	DC power supply (2 may be used for load-sharing redundancy).	2.095
SSR-FAN-8	fan tray module.	520
GSR-FAN-8	<b>GIGAswitch Router</b> 8-SLOT FAN TRAY	520

#### F.4. SmartSwitch Router - 8600 & GIGAswitch Router 16-Slot

SSR-16	<b>SmartSwitch Router 8600</b> - includes 16 slot chassis, 1 fabric card, modular fan.	10.495
DGSRA-BA	<b>GIGAswitch Router</b> - 16-SLOT SYSTEM CHASSIS, BACKPLANE, FAN	10.495
SSR-PS-16	power supply.	3.145
DGSRP-AB	<b>GIGAswitch Router</b> 16 SLOT POWER SUPPLY	3.145
SSR-PS-16-DC	DC power supply.	4.195
SSR-FAN-16	fan tray module.	1.045
GSR-FAN-16	<b>GIGAswitch Router</b> 16-SLOT FAN TRAY	1.045

#### F.5. SmartSwitch Router - 8000, 8600, & GIGAswitch Router

SSR-SF-16	Redundant Fabric Card.	5.245
DGSRD-AA	<b>GIGAswitch Router</b> 16 SLOT SWITCH FABRIC	5.245
SSR-CM2-64	Control Module with 64 MB memory.	9.445
DGSRD-BA	<b>GIGAswitch Router</b> - 8/16 CONTROL MODULE-64MB	9.445
SSR-MEM-128	CM2 memory upgrade kit (For CM2 series only).	2.095
DGSRU-AA	128 MEMORY UPGRADE	2.095
SSR-PCMCIA	8MB PCMCIA card.	520
GSR-PCMCIA	<b>GIGAswitch Router</b> 8MEG BLANK PCMCIA CARD	520
SSR-RS-ENT	<b>SmartSwitch Router Services</b> - L2, L3, L4 Switching and IP (RipV2, OSPF) IPX(RIP/SAP) routing, JAVA Management(RMON/RMON2 when available) (Required with every SSR-CM purchase, shipped on PCMCIA)	4.195
OB-64PAA-WA	<b>GIGAswitch Router</b> Routing Services FW & Mgmt SW	4.195
SSR-RS-UGK	<u>SmartSwitch Router 8000 / 8600 / 2000</u> firmware upgrade kit	263

#### F.6. SmartSwitch Router 2000, 8000, 8600 - WAN Cables

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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**\$**

SSR-449DTE-02	Cable - 4 meter, 2 lead, 2 RS449 DTE (male) connectors.	210
SSR-530DTE-02	Cable - 4 meter, 2 lead, 2 RS530 DTE (male) connectors.	210
SSR-V35DTE-02	Cable - 4 meter, 2 lead, 2 V35 DTE (male) connectors.	210
SSR-X21DTE-02	Cable - 4 meter, 2 lead, 2 X21 DTE (male) connectors.	184

**F.7. Connectivity Modules - 500,000 Flows per SmartSwitch Router**

SSR-HTX12-08-AA	Fast Ethernet Module (NEXT GENERATION) - 8 port 10/100BaseTX, Cat 5 RJ45, 4Mb memory, supports approximately 64k flows / module.	4.195
DGSRT-AA	GIGAswitch Router 8-PORT FE-TX 4MB LINECARD	4.195
DGSRF-AA	GIGAswitch Router 8-PORT FE-FX 4MB LINECARD	10.495
DGSRS-AA	GIGAswitch Router 2-PORT Gb/E -SX 4MB LINECARD	6.295
DGSRL-AA	GIGAswitch Router 2-PORT Gb/E-LX 4 MB LINECARD	9.970

**F.8. Connectivity Modules - 2,000,000 Flows per SmartSwitch Router**

SSR-HFX21-08-AA	Fast Ethernet Module (NEXT GENERATION) - 8 port 100BaseFX, MMF SC, 16Mb memory, supports approximately 256k flows / module.	12.595
DGSRF-AB	GIGAswitch Router 8-PORT FE-FX 16 LINECARD	12.595
SSR-HTX22-08-AA	Fast Ethernet Module (NEXT GENERATION) - 8 port 10/100BaseTX, Cat 5 RJ45, 16Mb memory, supports approximately 256k flows / module.	6.295
DGSRT-AB	GIGAswitch Router 8-PORT FE-TX 16 MB LINECARD	6.295
SSR-HFX29-08-AA	Fast Ethernet Module (NEXT GENERATION) - 8 port 100BaseFX, SMF, 16mb memory, supports up to 2,000,000 flows per system. <b><u>BUILT TO ORDER</u></b>	20.995
SSR-GSX21-02-AA	Gigabit Ethernet Module (NEXT GENERATION) - 2 ports, 1000BaseSX via SCLX (for MMF), 16Mb memory, supports approximately 256k flows/module.	8.395
DGSRS-AB	GIGAswitch Router 2-PORT Gb/E 16 MB LINECARD	8.395
SSR-GLX29-02-AA	Gigabit Ethernet Module (NEXT GENERATION) - 2 ports, 1000BaseLX via SCLX (for MMF or SMF), 16Mb memory, supports approximately 256k flows/module.	12.070
DGSRL-AB	GIGAswitch Router 2-PORT Gb/E-LX 16 MB LINECARD	12.070
SSR-GLX70-01-AA	SmartSwitch 8000/8600 Gigabit Ethernet Module (NEXT GENERATION) - 1 port, 70km 1000BaseLX, 16Mb memory, supports up to 2,000,000 flows per system. <b><u>BUILT TO ORDER</u></b>	11.545
OB-64PAB-WA	GIGAswitch Router FIRMWARE UPGRADE KIT	0
OB-64PAB-WB	GIGAswitch Router Software upgrade kit	0

**F.9. WAN Modules**

SSR-SERC-04-AA	SmartSwitch Router 8000/8600 Module (NEXT GENERATION) - quad serial port, with compression.	6.820
3X-DGSRK-AB	GIGAswitch Router - 4 port Serial Line Card with HW Compression	6.820
SSR-HSSI-02-AA	SmartSwitch Router 8000/8600 Module (NEXT GENERATION) - dual port HSSI.	11.545
3X-DGSRH-AA	GIGAswitch Router - 2 port HSSI Line Card	11.545
SSR-WAN-UPG	Serial/HSSI module field upgrade 32MB to 64MB DRAM.	1.045
SSR-HSSI-CAB	Cable - HSSI, 3 meter, male to male connector	184

**PIMs / HSIMs / PMDs / MMIs - Multiple Use**

**G.1. ATM**

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
HSIM-A6DP	<b>High Speed Interface Module</b> - 2 APIMs slots (purchase APIMs separately)	3.190
DELHA-UA	DEC ATM HIGH SPEED INTERFACE MODULE. INCLUDES 2 ATM MODULAR INTERFACE SLOTS WHICH ARE PURCHASED SEPARATELY	3.190
HSIM-A6DP-TM	<b>High Speed Interface Module</b> - for <b>SmartSwitch 2000 / 6000</b> family, with daughter card, supports ATM Forum's Traffic Management 4.0 specification, LANE 1.0 and UNI 3.0/3.1.	3.576
HSIM-TM-UGK	Daughter card upgrade kit for the <u>HSIM-A6DP</u> . Allows HSIM-A6DP to support the ATM Forum's Traffic Management 4.0 specification.	380
VHSIM-A6DP	<b>Very High Speed Interface Module</b> - supports OC3 (APIMs), OC12 (VAPIMs). (purchase APIMs, VAPIMs separately).	4.195
APIM-67	<b>ATM Port Interface Module 45 Mbps</b> - BNC connectors.	696
DEL67-UI	DEC ATM MODULAR INTERFACE 45MBPS BNC	696
APIM-22	<b>ATM Port Interface Module 155 Mbps</b> - UTP RJ45 connectors.	548
DEL22-UI	DEC ATM MODULAR INTERFACE 155MBPS RJ45	548
APIM-21	<b>ATM Port Interface Module 155 Mbps</b> - MMF SC connectors.	837
DEL21-UI	DEC ATM MODULAR INTERFACE 155MBPS MMF	837
APIM-29	<b>ATM Port Interface Module 155 Mbps</b> - SMF SC connectors.	3.465
DEL29-UI	DEC ATM MODULAR INTERFACE 155MBPS SC	3.465
APIM-29LR	<b>ATM Port Interface Module 155 Mbps</b> - LR SMF, SC connectors.	4.547
VAPIM-31	<b>VHSIM ATM Port Interface Modules OC12</b> - 1 port MMF SC (use with <u>VHSIM-A6DP</u> only).	2.410
VAPIM-39	<b>VHSIM ATM Port Interface Modules OC12</b> - 1 port SMF SC (use with <u>VHSIM-A6DP</u> only).	3.670
VAPIM-39LR	<b>VHSIM ATM Port Interface Modules OC12</b> - 1 port SMF SC long reach (use with <u>VHSIM-A6DP</u> only).	4.720
DAGE1-AA	<b>PMD</b> - 1 port E1 UTP ModPhy for <u>GIGAswitch/FDDI ATM linecard, GIGAswitch/ATM, ATMswitch 900.</u>	2.625
DAGGE-AA	<b>PMD</b> - 1 port E3 Coax ModPhy for <u>GIGAswitch/FDDI ATM linecard, GIGAswitch/ATM, ATMswitch 900.</u>	3.675
DAGGM-AA	<b>PMD</b> - 1 port MMF ModPhy for <u>GIGAswitch/FDDI ATM linecard, GIGAswitch/ATM, ATMswitch 900, VNswitch 900EA, XA, FA.</u>	840
DAGGS-AA	<b>PMD</b> - 1 port SMF ModPhy for <u>GIGAswitch/FDDI ATM linecard, GIGAswitch/ATM, ATMswitch 900, VNswitch 900EA, XA, FA.</u>	3.675
DAGGU-AA	<b>PMD</b> - 1 port 155 UTP ModPhy for <u>GIGAswitch/FDDI ATM linecard, GIGAswitch/ATM, ATMswitch 900, VNswitch 900EA, XA, FA.</u>	735
<b>G.2. Fast Ethernet</b>		
HSIM-FE6	<b>High Speed Interface Module</b> - 2 FEPIM slots (purchase FEPIMs separately).	1.314
DELHE-UA	DEC 100BASE PORT INTERFACE MODULE. 2 PORT MODULAR INTERFACE SLOTS, MODULAR INTERFACES SOLD SEPARATELY.	1.314
FE-100TX	<b>Fast Ethernet Port Interface Module</b> - 100BaseTX	323
DELTX-UI	DEC 100BASETX PORT MODULAR INTERFACE UTP	323
FE-100FX	<b>Fast Ethernet Port Interface Module</b> - 100BaseFX	551
DELFX-UI	DEC 100BASEFX PORT MODULAR INTERFACE MMF	551
FE-100F3	<b>Fast Ethernet Port Interface Module</b> - SMF, SC connector	1.812
DELF3-UI	DEC 100BASESX PORT MODULAR INTERFACE SMF	1.812
FE-100LH	<b>Fast Ethernet Port Interface Module</b> - 66km Long-haul 100BaseFX, SC connector.	4.195

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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DEXYU-AA	MMI - 100BaseTx UTP-5 RJ-45 for <u>MultiSwitch 624EX, Hub 612TX, Vnswitch 900EX, XX, XA.</u>	520
DEXYM-AA	MMI - 100BaseFx MMF SC for <u>MultiSwitch 624EX, Hub 612TX, Vnswitch 900EX, XX, XA.</u>	835
DEXYM-BA	MMI - 100BufFx for <u>MultiSwitch 612TX, MultiSwitch Hub 924TX.</u>	940

**G.3. Gigabit Ethernet**

HSIM-G01	High Speed Interface Module - for any HSIM Host System, 1000BaseSX (short-wave) MMF SC, single port support via P802.3z .	3.647
DELHG-UA	DEC GIGABIT 1000BASESX MOD INT	3.647
HSIM-G09	High Speed Interface Module - for any HSIM Host System, 1000BaseLX (long-wave) MMF/SMF SC, single port support via P802.3z.	4.053
DELHL-UA	DEC GIGABIT 1000BASELX MOD INT	4.053
VHSIM-G6	Very High Speed Interface Module - 2 GPIM slots, hot swappable GPIMs (purchase GPIMs separately).	2.024
DELVM-UA	DEC GIGABIT VERY HIGH SPEED INTERFACE MODULE (ACCEPTS EITHER THE DELG1-UA OR DELG9-UA, WHICH ARE PURCHASED SEPARATELY)	2.024
GPIM-01	Gigabit Ethernet Port Interface Module - 1000BaseSX for <u>VNswitch 900GV</u> and others	705
DELG1-UA	GIGABIT PORT INTERFACE MODULE 1000BASESX W/1 SC PORT	705
GPIM-09	Gigabit Ethernet Port Interface Module - 1000BaseLX.	1.720
DELG9-UA	GIGABIT PORT INTERFACE MODULE 1000BASELX W/1 SC PORT	1.720

**G.4. FDDI**

HSIM-F6	FDDI High Speed Interface Module - 2 FPIM slots (purchase FPIMs separately)	2.328
DELHF-UA	DEC FDDI HIGH SPEED INTERFACE MODULE. INCLUDES 2 FDDI MODULAR INTERFACE SLOTS, SOLD SEPARATELY.	2.328
FPIM-02	FDDI Port Interface Module - UTP, RJ45 connector	243
DEL02-UI	DEC FDDI MODULAR INTERFACE UTP	243
FPIM-00	FDDI Port Interface Module - MMF MIC connector.	452
DEL00-UI	DEC FDDI MODULAR INTERFACE MMF MIC	452
FPIM-01	FDDI Port Interface Module - MMF SC Connector.	433
DEL01-UI	DEC FDDI MODULAR INTERFACE MMF SC	433
FPIM-05	FDDI Port Interface Module - SMF MIC connector.	2.308
DEL05-UI	DEC FDDI MODULAR INTERFACE SMF MIC	2.308
FPIM-17	FDDI Port Interface Module - SMF SC, long reach	2.517
DEFXU-BA	PMD - UTP RJ45, up to 100 Km for <u>GIGAswitch/FDDI, DECconcentrator 900, DECswitch 900FO.</u>	269
DEFXM-AA	PMD - MMF ANSI MIC, up to 2 Km for <u>GIGAswitch/FDDI, DECconcentrator 900, DECswitch 900FO.</u>	539
DEFXM-SC	PMD - MMF ANSI SC, up to 2 Km for <u>GIGAswitch/FDDI, DECconcentrator 900, DECswitch 900FO.</u>	447
DEFXS-BA	PMD - SMF ST, up to 60 Km for <u>GIGAswitch/FDDI, DECconcentrator 900, DECswitch 900FO.</u>	3.768
DEFYU-AA	MMI - UTP5 RJ45 for <u>VNswitch 900EF, FA.</u>	625
DEFYM-AA	MMI - MMF SC for <u>VNswitch 900EF, FA.</u>	835

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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DEFYS-AA	MMI - SMF SC for <u>VNswitch 900EF, FA</u> .	3.670
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### G.5. WAN

SWPIM-BRI	Slide-in WAN Physical Interface Module - ISDN-BRI, 2 64kbps B channels, 1 16kbps D channel (TE, NT, U and S/T supported).	520
SWPIM-E1	Slide-in WAN Physical Interface Module - E1 with built-in CSU/DSU (supports Time Division Multiplexing - TDM for channelization of up to 31 channels).	866
SWPIM-SY	Slide-in WAN Physical Interface Module - Synchronous/Asynchronous (RS449,RS530, RS530A, RS232, X.21, V.35) supporting data rates from 2.4 Kbps to 2.048 Mbps.	520
HSIM-W87	High Speed Interface Module - fully fractionalized DS3 interface, dual coaxial connectors.	11.545
HSIM-SSA720	High Speed Interface Module - E1 dial access concentrator, ISDN E1/PRI interface (RJ-48C), 24 ports V.90 digital modems, supports optional 2nd E1/PRI interface (second E1/PRI requires <u>WPIM-RE1</u> ).	8.920
HSIM-SSA720-60	High Speed Interface Module - E1 WAN dial access concentrator, dual ISDN E1/PRI interfaces (RJ-48C) 60 ports V.90 digital modems.	14.170
HSIM-SSR-600	HSIM-SSR-600 with dual SWPIM slots, 10/100 Enet, CRS	3.145
HSIM-W6	High Speed Interface Module - 2 WPIM slots, supports both bridging and IP/IPX routing (purchase WPIMs separately).	2.944
DELHW-UA	DEC WAN HIGH SPEED INTERFACE MODULE. INCLUDES TWO WAN MODULAR INTERFACE SLOTS, MODULAR INTERFACES SOLD SEPARATELY.	2.944
WPIM-S/T	WAN Port Interface Module - ISDN Basic Rate Interface (BRI), S/T Interface.	443
DELST-UI	DEC WAN MODULAR INTERFACE ISDN	443
DELDS-UI	DEC WAN MODULAR INTERFACE DDS	318
WPIM-HDSL	WAN Port Interface Module - HDSL, 1 RJ45 port, supported on the CSX400 and the HSIM-W6.	977
DELE1-UI	DEC WAN MODULAR INTERFACE E1	491
DELSY-UI	DEC WAN MODULAR INTERFACE SYNCHRONOUS	399
WPIM-RE1	WAN Port Interface Module - ISDN E1/PRI interface (RJ-48C) for <u>HSIM-SSA720</u> .	520

## WORKGROUP / DESKTOP SHARED

### H. SmartStack HUB Family

ELH100-12TX	SmartSTACK Hub - 12 RJ45 ports, 10/100 auto negotiating, management extra, 2 module slots (purchase modules separately).	1.045
ELH100-24TX	SmartSTACK Hub - 24 RJ45 ports, 10/100 auto negotiating, management extra, 2 module slots, (purchase modules separately).	1.360
ELH-ULSW-TX	Module switch - 1 port, 10/100BaseTX.	252
ELH-ULSW-F2	Module switch - 1 port, 100BaseFX SC.	504
ELH100-SNMP	Module management - RMON/SNMP web management.	625

### I. DEChub / MultiStack 90 Families - ETHERNET

#### I.1. Chassis & Accessories

DEHUB-AA	DEChub 90, 8 slots, power supply, NO power cord.	830
DEHUB-CB	DEChub 90, power cord - <u>Central Europe</u> .	830
DEHUB-BD	DEChub 90, power cord - <u>Denmark</u> .	830
DEHUB-BT	DEChub 90, power cord - <u>Israel</u> .	830
DEHUB-BI	DEChub 90, power cord - <u>Italy</u> .	830

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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DEHUB-BK	DEChub 90, power cord - <u>Switzerland</u> .	830
DEHUB-BE	DEChub 90, power cord - <u>UK / Ireland</u> .	830
DETRX-S3	MultiStack 90 shelf, NO power cord.	263
DETRX-SX	MultiStack 90 shelf, power cord - <u>Central Europe</u> .	263
DETRX-SD	MultiStack 90 shelf, power cord - <u>Denmark</u> .	263
DETRX-TJ	MultiStack 90 shelf, power cord - <u>India / South Africa</u> .	263
DETRX-ST	MultiStack 90 shelf, power cord - <u>Israel</u> .	263
DETRX-SI	MultiStack 90 shelf, power cord - <u>Italy</u> .	263
DETRX-SK	MultiStack 90 shelf, power cord - <u>Switzerland</u> .	263
DETRX-SE	MultiStack 90 shelf, power cord - <u>UK / Ireland</u> .	263
DETAX-U3	MultiStack 90 shelf, AUI port, NO power cord.	368
DETAX-UX	MultiStack 90 shelf, AUI port, power cord - <u>Central Europe</u> .	368
DETAX-UD	MultiStack 90 shelf, AUI port, power cord - <u>Denmark</u> .	368
DETAX-VJ	MultiStack 90 shelf, AUI port, power cord - <u>India / South Africa</u> .	368
DETAX-UT	MultiStack 90 shelf, AUI port, power cord - <u>Israel</u> .	368
DETAX-UI	MultiStack 90 shelf, AUI port, power cord - <u>Italy</u> .	368
DETAX-UK	MultiStack 90 shelf, AUI port, power cord - <u>Switzerland</u> .	368
DETAX-UE	MultiStack 90 shelf, AUI port, power cord - <u>UK / Ireland</u> .	368
DERMS-AA	wallmount - rack for <u>DEChub 90 &amp; MultiSwitch 900</u> .	163
DERMS-BA	wallmount - single extension.	129
DERMS-CA	wallmount - rack partition bracket.	51
DERMS-DA	wallmount - cover, double.	340
DERMS-EA	wallmount - cover lock.	12
DERMS-FA	Wallmount - rack ( <u>DERMS-AA</u> ) & double cover ( <u>DERMS-DA</u> ).	466
H7082-AB	DEChub 90 - power supply.	216
H7265-AA	MultiStack 90 - power supply.	216
H0342-AA	DEChub 90 - snap on cover.	28
H9544-MT	DEChub 90, 19 inch rackmount shelf.	81
H3108-TG	MultiStack 90 - Cover for <u>H3108-IA/PB/BB</u> and <u>Multistack</u> .	44,10
H3109-AF	MultiStack 90 - cable organiser for MultiStack hub kit.	33,60
H3109-EA	MultiStack 90 - UTP passive kit.	367
EK-DEHUB-OM	DEChub 90 - owners manual.	53

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
BC29P-10	Cable, Modem - <u>17-03860-01</u> , for DEChub 90.	36,75
BC29Q-10	Cable, Null Modem - <u>17-03861-01</u> for DEChub 90.	38,85

### I.2. Management

DENMA-MA	DECagent 90 - SNMP proxy agent for <u>DEChub 90 &amp; MultiStack 90</u> systems, BNC network port, NO power supply.	788
DENMA-S3	DECagent 90 - in <u>MultiStack 90</u> Stackable, NO power cord.	835
DENMA-SX	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	835
DENMA-SD	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	835
DENMA-TJ	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	835
DENMA-ST	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	835
DENMA-SI	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	835
DENMA-SK	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	835
DENMA-SE	DECagent 90 - in <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	835
QB-219AA-WA	DECpacketprobe 90 DOS Licence, RX23, package	162

### I.3. Repeaters

DECMR-MA	DECrepeater 90C - 6 BNC ports, BNC network port, NO power supply.	1.413
DECMR-S3	DECrepeater 90C - <u>MultiStack 90</u> Stackable, NO power cord.	1.460
DECMR-SX	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	1.460
DECMR-SD	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	1.460
DECMR-TJ	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	1.460
DECMR-ST	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	1.460
DECMR-SI	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	1.460
DECMR-SK	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	1.460
DECMR-SE	DECrepeater 90C - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	1.460
DEFAR-MA	DECrepeater 90FA - 1 fibre ST port, 1 AUI port, BNC network port, NO power supply.	940
DEFAR-S3	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, NO power cord.	982
DEFAR-SX	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	982
DEFAR-SD	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	982
DEFAR-TJ	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	982
DEFAR-ST	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	982
DEFAR-SI	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	982
DEFAR-SK	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	982
DEFAR-SE	DECrepeater 90FA - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	982



PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
DEFMI-MA	DECrepeater 90FS - 2 fibre ST ports, 1 AUI port, BNC network port, NO power supply.	1.628
DEFMI-S3	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, NO power cord.	1.675
DEFMI-SX	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	1.675
DEFMI-SD	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	1.675
DEFMI-TJ	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	1.675
DEFMI-ST	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	1.675
DEFMI-SI	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	1.675
DEFMI-SK	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	1.675
DEFMI-SE	DECrepeater 90FS - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	1.675
DEFMR-MA	DECrepeater 90FL - 4 fibre ST ports, BNC network port, NO power supply.	1.733
DEFMR-S3	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, NO power cord.	1.780
DEFMR-SX	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	1.780
DEFMR-SD	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	1.780
DEFMR-TJ	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	1.780
DEFMR-ST	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	1.780
DEFMR-SI	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	1.780
DEFMR-SK	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	1.780
DEFMR-SE	DECrepeater 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	1.780
DETFI-MA	DECrepeater 90TS - 8 RJ45 ports, BNC network port, SNMP, NO power supply.	998
DETFI-A3	DECrepeater 90TS - <u>standalone mode</u> , NO power cord.	1.150
DETFI-AX	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>Central Europe</u> .	1.150
DETFI-AD	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>Denmark</u> .	1.150
DETFI-BJ	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>India / South Africa</u> .	1.150
DETFI-AT	DECrepeater 90TS in <u>standalone mode</u> , power cord - <u>Israel</u> .	1.150
DETFI-AI	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>Italy</u> .	1.150
DETFI-AK	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>Switzerland</u> .	1.150
DETFI-AE	DECrepeater 90TS - <u>standalone mode</u> , power cord - <u>UK / Ireland</u> .	1.150
DETFI-S3	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, NO power cord.	1.045
DETFI-SX	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	1.045
DETFI-SD	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	1.045
DETFI-TJ	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	1.045
DETFI-ST	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	1.045

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DEDMI-SI	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	1.045
DEDMI-SK	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	1.045
DEDMI-SE	DECrepeater 90TS - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	1.045
DETML-MA	DECrepeater 90T-16 - 16 RJ45 ports, BNC network port, NO power supply.	788
DETML-S3	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, NO power cord.	835
DETML-SX	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	835
DETML-SD	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	835
DETML-TJ	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	835
DETML-ST	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	835
DETML-SI	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	835
DETML-SK	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	835
DETML-SE	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	835
DETML-U3	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, NO power cord.	940
DETML-UX	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>Central Europe</u> .	940
DETML-UD	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>Denmark</u> .	940
DETML-VJ	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>India / South Africa</u> .	940
DETML-UT	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>Israel</u> .	940
DETML-UI	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>Italy</u> .	940
DETML-UK	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>Switzerland</u> .	940
DETML-UE	DECrepeater 90T-16 - <u>MultiStack 90</u> Stackable with AUI port, power cord - <u>UK / Ireland</u> .	940

#### I.4. Bridges

DEWGB-MA	DECbridge 90 - BNC port, AUI port, BNC network port, NO power supply.	2.043
DEWGB-S3	DECbridge 90 - <u>MultiStack 90</u> Stackable, NO power cord.	2.095
DEWGB-SX	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	2.095
DEWGB-SD	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	2.095
DEWGB-TJ	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	2.095
DEWGB-ST	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	2.095
DEWGB-SI	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	2.095
DEWGB-SK	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	2.095
DEWGB-SE	DECbridge 90 - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	2.095
DEWGF-MA	DECbridge 90FL - Fibre port, AUI port, BNC network port, NO power supply.	2.043
DEWGF-S3	DECbridge 90FL - <u>MultiStack 90</u> Stackable, NO power cord.	2.095

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DEWGF-SX	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Central Europe</u> .	2.095
DEWGF-SD	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Denmark</u> .	2.095
DEWGF-TJ	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>India / South Africa</u> .	2.095
DEWGF-ST	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Israel</u> .	2.095
DEWGF-SI	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Italy</u> .	2.095
DEWGF-SK	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>Switzerland</u> .	2.095
DEWGF-SE	DECbridge 90FL - <u>MultiStack 90</u> Stackable, power cord - <u>UK / Ireland</u> .	2.095
EK-DEWGB-OM	DECbridge 90 - owners manual.	26

### I.5. Terminal / Access Servers

DSRVG-A3	DECserver 90L+ - LAT only terminal server, 8 MMJ ports, BNC network port, NO power cord.	1.281
DSRVG-MA	DECserver 90L+ - LAT only terminal server, 8 MMJ ports, BNC network port, NO power supply.	1.136
DSRVG-AX	DECserver 90L+ - power cord - <u>Central Europe</u> .	1.281
DSRVG-AD	DECserver 90L+ - power cord - <u>Denmark</u> .	1.281
DSRVG-BJ	DECserver 90L+ - power cord - <u>India / South Africa</u> .	1.281
DSRVG-AT	DECserver 90L+ - power cord - <u>Israel</u> .	1.281
DSRVG-AI	DECserver 90L+ - power cord - <u>Italy</u> .	1.281
DSRVG-AK	DECserver 90L+ - power cord - <u>Switzerland</u> .	1.281
DSRVG-AE	DECserver 90L+ - power cord - <u>UK / Ireland</u> .	1.281
DSRVH-PA	DECserver 90M access server - 2Mb flash, 8 RJ45 ports, BNC network port, uses DNAS software, NO power supply.	1.459
DSRVH-RX	DECserver 90M - 2Mb flash, power cord - <u>Central Europe</u> .	1.604
DSRVH-RD	DECserver 90M - 2Mb flash, power cord - <u>Denmark</u> .	1.604
DSRVH-RT	DECserver 90M - 2Mb flash, power cord - <u>Israel</u> .	1.604
DSRVH-RI	DECserver 90M - 2Mb flash, power cord - <u>Italy</u> .	1.604
DSRVH-RK	DECserver 90M - 2Mb flash, power cord - <u>Switzerland</u> .	1.604
DSRVH-RE	DECserver 90M - 2Mb flash, power cord - <u>UK / Ireland</u> .	1.604

### I.6. Routers

DEX2R-D3	RouteAbout Access EW - multiprotocol, BNC network port, 2 E1 ports, NO power cord (will be rebranded as <u>SmartSwitch Router 520</u> ).	2.494
DEX2R-MA	RouteAbout Access EW - multiprotocol, BNC network port, 2 E1 ports, NO power supply (will be rebranded as <u>SmartSwitch Router 520</u> ).	2.379
DEX2R-DX	RouteAbout Access EW - multiprotocol, power cord - <u>Central Europe</u> .	2.510
DEX2R-DD	RouteAbout Access EW - multiprotocol, power cord - <u>Denmark</u> .	2.510
DEX2R-DJ	RouteAbout Access EW - multiprotocol, power cord - <u>India / South Africa</u> .	2.510
DEX2R-DT	RouteAbout Access EW - multiprotocol, power cord - <u>Israel</u> .	2.510

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
DEX2R-DI	RouteAbout Access EW - multiprotocol, power cord - <u>Italy</u> .	2.510
DEX2R-DK	RouteAbout Access EW - multiprotocol, power cord - <u>Switzerland</u> .	2.510
DEX2R-DE	RouteAbout Access EW - multiprotocol, power cord - <u>UK / Ireland</u> .	2.510
DEX2R-S3	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, NO power cord.	2.557
DEX2R-SX	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Central Europe</u> .	2.573
DEX2R-SD	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Denmark</u> .	2.573
DEX2R-SJ	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>India / South Africa</u> .	2.573
DEX2R-ST	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Israel</u> .	2.573
DEX2R-SI	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Italy</u> .	2.573
DEX2R-SK	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Switzerland</u> .	2.573
DEX2R-SE	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>UK / Ireland</u> .	2.573
DEX2R-F3	RouteAbout Access EW - IP protocol, BNC network port, 2 E1 ports, NO power cord.	2.032
DEX2R-MB	RouteAbout Access EW - IP protocol, BNC network port, 2 E1 ports, NO power supply.	1.917
DEX2R-FX	RouteAbout Access EW - IP protocol, power cord - <u>Central Europe</u> .	2.048
DEX2R-FD	RouteAbout Access EW - IP protocol, power cord - <u>Denmark</u> .	2.048
DEX2R-FJ	RouteAbout Access EW - IP protocol, power cord - <u>India / South Africa</u> .	2.048
DEX2R-FT	RouteAbout Access EW - IP protocol, power cord - <u>Israel</u> .	2.048
DEX2R-FI	RouteAbout Access EW - IP protocol, power cord - <u>Italy</u> .	2.048
DEX2R-FK	RouteAbout Access EW - IP protocol, power cord - <u>Switzerland</u> .	2.048
DEX2R-FE	RouteAbout Access EW - IP protocol, power cord - <u>UK / Ireland</u> .	2.048
DEX2R-T3	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, NO power cord.	2.095
DEX2R-TX	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Central Europe</u> .	2.111
DEX2R-TD	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Denmark</u> .	2.111
DEX2R-TJ	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>India / South Africa</u> .	2.111
DEX2R-TT	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Israel</u> .	2.111
DEX2R-TI	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Italy</u> .	2.111
DEX2R-TK	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Switzerland</u> .	2.111
DEX2R-TE	RouteAbout Access EW - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>UK / Ireland</u> .	2.111
DEXBR-D3	RouteAbout Access EI - multiprotocol, BNC network port, 1 E1 port, 1 ISDN/BRI, NO power cord (will be rebranded as <u>SmartSwitch Router 510</u> ).	2.494
DEXBR-MA	RouteAbout Access EI - multiprotocol, BNC network port, 1 E1 port, 1 ISDN/BRI, NO power supply (will be rebranded as <u>SmartSwitch Router 510</u> ).	2.379
DEXBR-DX	RouteAbout Access EI - multiprotocol, power cord - <u>Central Europe</u> .	2.510
DEXBR-DD	RouteAbout Access EI - multiprotocol, power cord - <u>Denmark</u> .	2.510

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
DEXBR-DJ	RouteAbout Access EI - multiprotocol, power cord - <u>India / South Africa</u> .	2.510
DEXBR-DT	RouteAbout Access EI - multiprotocol, power cord - <u>Israel</u> .	2.510
DEXBR-DI	RouteAbout Access EI - multiprotocol, power cord - <u>Italy</u> .	2.510
DEXBR-DK	RouteAbout Access EI - multiprotocol, power cord - <u>Switzerland</u> .	2.510
DEXBR-DE	RouteAbout Access EI - multiprotocol, power cord - <u>UK / Ireland</u> .	2.510
DEXBR-S3	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, NO power cord.	2.557
DEXBR-SX	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Central Europe</u> .	2.573
DEXBR-SD	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Denmark</u> .	2.573
DEXBR-SJ	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>India / South Africa</u> .	2.573
DEXBR-ST	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Israel</u> .	2.573
DEXBR-SI	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Italy</u> .	2.573
DEXBR-SK	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>Switzerland</u> .	2.573
DEXBR-SE	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, multiprotocol, power cord - <u>UK / Ireland</u> .	2.573
DEXBR-F3	RouteAbout Access EI - IP protocol, BNC network port, 1 E1 port, 1 ISDN/BRI, NO power cord.	2.032
DEXBR-MB	RouteAbout Access EI - IP protocol, BNC network port, 1 E1 port, 1 ISDN/BRI, NO power supply.	1.917
DEXBR-FX	RouteAbout Access EI - IP protocol, power cord - <u>Central Europe</u> .	2.048
DEXBR-FD	RouteAbout Access EI - IP protocol, power cord - <u>Denmark</u> .	2.048
DEXBR-FJ	RouteAbout Access EI - IP protocol, power cord - <u>India / South Africa</u> .	2.048
DEXBR-FT	RouteAbout Access EI - IP protocol, power cord - <u>Israel</u> .	2.048
DEXBR-FI	RouteAbout Access EI - IP protocol, power cord - <u>Italy</u> .	2.048
DEXBR-FK	RouteAbout Access EI - IP protocol, power cord - <u>Switzerland</u> .	2.048
DEXBR-FE	RouteAbout Access EI - IP protocol, power cord - <u>UK / Ireland</u> .	2.048
DEXBR-T3	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, NO power cord.	2.095
DEXBR-TX	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Central Europe</u> .	2.111
DEXBR-TD	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Denmark</u> .	2.111
DEXBR-TJ	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>India / South Africa</u> .	2.111
DEXBR-TT	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Israel</u> .	2.111
DEXBR-TI	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Italy</u> .	2.111
DEXBR-TK	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>Switzerland</u> .	2.111
DEXBR-TE	RouteAbout Access EI - <u>MultiStack 90</u> Stackable, IP protocol, power cord - <u>UK / Ireland</u> .	2.111
QM-4C2AA-BA	RouteAbout Access EW - multiprotocol, licence	998
QM-4C2AA-BB	RouteAbout Access EW, multiprotocol, update licence	160

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
QA-4C2AA-H8	RouteAbout Access EW - multiprotocol, CDROM package	205
QB-4C2AA-WA	RouteAbout Access EW - multiprotocol, licence, CDROM package	1.139
QB-4C2AA-WB	RouteAbout Access EW - multiprotocol, upgrade, CDROM package	301
QM-4C1AA-BA	RouteAbout Access EW - IP protocol, licence	840
QM-4C1AA-BB	RouteAbout Access EW - IP protocol, update, licence	134
QM-4C3AA-BA	RouteAbout Access EW, IP to multiprotocol, migration licence	630
QB-4C1AA-WA	RouteAbout Access EW - IP protocol, licence, CDROM package	982
QB-4C1AA-WB	RouteAbout Access EW - IP protocol, upgrade, CDROM package	276
QB-4C3AA-WA	RouteAbout Access EW - IP to multiprotocol, migration, CDROM package	772
QA-4C2AA-GZ	RouteAbout Access EW - IP and multiprotocol, MUL, documentation kit	289
QM-4SRAA-BA	RouteAbout Access EI - multiprotocol, licence	998
QM-4SRAA-BB	RouteAbout Access EI - multiprotocol, update, licence	160
QB-4SRAA-WA	RouteAbout Access EI - multiprotocol, licence, CDROM package	1.139
QB-4SQAA-WB	RouteAbout Access EI - multiprotocol, licence, CDROM package	276
QA-4SRAA-H8	RouteAbout Access EI - multiprotocol, CDROM package	205
QB-4SRAA-WB	RouteAbout Access EI - multiprotocol, upgrade, CDROM package	301
QM-4SQAA-BA	RouteAbout Access EI - IP protocol, licence	840
QM-4SQAA-BB	RouteAbout Access EI - IP protocol, update, licence	134
QM-4SSAA-BA	RouteAbout Access EI - IP to multiprotocol, migration licence	630
QB-4SQAA-WA	RouteAbout Access EI - IP protocol, licence, CDROM package	982
QA-4SQAA-H8	RouteAbout Access EI - IP protocol, CDROM package	142
QB-4SSAA-WA	RouteAbout Access EI - IP to multiprotocol, migration, CDROM package	772
QL-5HNA9-AA	RouteAbout Access ES - TRAD licence	446
QL-5HNA9-RA	RouteAbout Access ES - TRAD update, licence	101
QL-5Q0A9-RA	RouteAbout Access - ISDN, IP protocol, TRAD update, licence	202

## J. HubSTACK

### J.1. ETHERNET

SEH-24	HubSTACK unmanaged - 24 ports, UTP RJ45, 2 EPIM slots (purchase EPIMs separately).	954
SEHI-24	HubSTACK SNMP managed - 24 ports, UTP RJ45, 2 EPIM slots (purchase EPIMs separately).	1.424
SEH-ACCY-KIT	rack mount kit, managment cable for all SEH models.	21
SEHI-ACCY-KIT	rack mount kit, managment cable for all SEHI models.	50

### J.2. TOKEN RING

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
STH-24	HubSTACK Token Ring unmanaged - 24 Ports, UTP.	1.856
STH-44	HubSTACK Token Ring unmanaged - 24 Ports, STP.	1.856
STHI-24	HubSTACK Token Ring managed - 24 Ports, UTP.	3.465
STHI-44	HubSTACK Token Ring managed - 24 Ports, STP.	3.465
STHI-FL-UGK	Image disk upgrade kit for <u>STHI</u> .	263

### J.3. Cables & Accessories

9380110	Cable - 12 inches, Interconnect cable for <u>SEH</u> .	22,30
9380111	Cable - 18 inches, Interconnect cable for <u>SEH</u> , <u>MicroMMAC</u> .	22,37
9380141	Cable - Token Ring Interface cable for <u>MicroMMAC-I</u> , <u>STH</u> , <u>STHI</u> .	38,48
WALLMOUNT-KIT	HubStack - wallmount kit.	236

## K. MISCELLANEOUS

### K.1. ETHERNET - unmanaged

MR9T-E	8 10BaseT RJ45, removable EPIM port.	548
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## WORKGROUP / DESKTOP SHARED & SWITCHED

## L. MMAC - Multimedia Access Centre

### L.1. Chassis & Power Supplies

MMAC-M3FNB	3 slot chassis - FNB, modular power supply, fan tray.	1.572
MMAC-M8FNB	8 slot chassis - FNB, NO power supply.	1.457
M3PSM	3 slot chassis - power supply module.	525
M8PSM-E	8 slot chassis - power supply module, high powered design / additional capacity (1 needed, 2nd provides redundancy).	1.166
M8PSM-EDC	8 slot chassis - DC power supply module, high powered design / additional capacity (1 needed, 2nd provides redundancy).	1.929
MMACM8-PWRCD	8 slot chassis - power cord for the <u>M8PSM</u> , <u>M8PSM-E</u> .	26
M3FM	3 slot chassis - fan module.	315
M8FM	8 slot chassis - fan module.	525
MMACM3-RKMT	3 slot chassis - rack mount brackets.	13
MMAC5/8FNB-RKMT	5 / 8 slot chassis - rack mount brackets.	5

### L.2. ETHERNET

FOMIM-28	MIM - 18 ports, MMF ST connectors (A-Channel only).	4.055
TPMIM-24	MIM - 24 ports, 10Base-T, RJ45 connectors (A-Channel only).	2.651
E6-4F-ADV	Bridge / Routing Module - 4 Mbs flash memory, advanced services image disk.	362
E6-FL-ADV	Bridge / Routing Module - advanced services image disk.	263
EMME-UGKIT	<u>EMME</u> image disk.	230

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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**\$**

EMM-E6	Six port i960 based <b>Bridge/Router</b> Module Multichannel A B & C, 2 BRIMs & 2 EPIMs Flash EEPROM, 2 Slot Module (EPIMs & BRIMs ordered separately)	6.032
EMME6-FL-UGK	<u>EMME6</u> image disk.	230
EMME-BTFL-UGKIT	boot prom, image disk.	230
EMME-UGKITBOOT	<u>EMME</u> boot prom upgrade kit.	0
ESXMIM-BT-UGK	<u>ESXMIM</u> boot prom upgrade kit.	230

### L.3. FDDI (A-Channel Only)

FDMMIM-04	<b>Ethernet-FDDI Bridging Module</b> - A-B ports, 4 ports, MMF SAS.	11.972
FDMMIM-04C	<u>FDMMIM-04</u> - management module, 165MSTTRT	11.972
FDMMIM04-UGK	<u>FDC</u> prom.	230
FDMMIM-24	<b>Ethernet-FDDI Bridging Module</b> - A-B ports, 4 ports, UTP ANSI TP-PMD SAS.	10.710
FDMMIM-UGK	<u>FDMMIM</u> image disk.	230
FDMMIM-BT-UGK	FDMMIM Boot Prom upgrade kit.	0
FDCMIM-08	<b>MIM</b> - 8 ports, MMF SAS.	10.631
FDCMIM-PR-UGK	<u>FDCMIM</u> master port prom.	230

### L.4. TOKEN RING

TRRMIM-2AT	<b>Repeater RI/RO Module</b> - 12 active UTP ports, TPIM RI/RO slots (purchase TPIM separately).	3.462
TRRMIM-4AT	<b>Repeater RI/RO Module</b> - 12 active STP ports, TPIM RI/RO slots (purchase TPIM separately).	3.462
TRMM	<b>Management Module</b> - SNMP.	4.328
TRMM-2	<b>Management Module</b> - MultiChannel.	5.775
TRMMIM	<b>Management Module</b> - SNMP, MIM slot.	4.328
TRFMIM-28	<b>MIM</b> - 18 station ports, Fiber Optic.	4.507
TRMIM-24A	<b>MIM</b> - 24 active station ports, UTP RJ45.	2.975
TRMIM-44A	<b>MIM</b> - 24 active ports, STP RJ45.	2.975
TRMM-FL-UGK	<u>TRMM</u> image disk.	460
TRMMIM-FL-UGK	<u>TRMMIM</u> image disk.	460
TRBMIM-BTFL-UGK	boot prom, image disk.	230
TRMM2-FL-UGK	<u>TRMM</u> flash upgrade kit.	460
TRMM-BT-UGK	<u>TRMM</u> boot prom upgrade kit.	0
TRMM2-BT-UGK	<u>TRMM</u> boot prom upgrade kit.	0
TRMM4-BT-UGK	<u>TRMM4</u> boot prom upgrade kit.	0

### L.5. Multi-Channel Architecture Family (B/C & Standalone)

FORMIM-22	<b>Ethernet MIM</b> - 12 ports FOIRL/10BaseFL.	3.378
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Cabletron Systems Ltd. Confidential (KVdE0899)



PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
TPRMIM-36	Ethernet MIM - 24 ports 10BaseT using Telco connector, 1 AUI port, 1 EPIM slot (purchase EPIM separately).	3.147
TDRMIM-22A	Token Ring Dual Repeater MIM - 12 ports, UTP, dual MMF RI/RO.	4.634
TDRMIM-42A	Token Ring Dual Repeater MIM - 12 ports, STP, dual MMF RI/RO.	4.634
TRXMIM-24A	Token Ring Port Switching MIM - 24 ports, UTP RJ45.	3.383
TRXMIM-44A	Token Ring Port Switching MIM - 24 ports, STP RJ45.	3.383

## DEPARTMENTAL SHARED & SWITCHED

### M. MultiSwitch 900 Family

#### M.1. Chassis

DMHUB-A3	MultiSwitch 900 - 8 slot, power supply, NO power cord.	4.295
DMHUB-AX	MultiSwitch 900 - 8 slot, power supply, power cord - <u>Central Europe</u> .	4.295
DMHUB-AD	MultiSwitch 900 - 8 slot, power supply, power cord - <u>Denmark</u> .	4.295
DMHUB-BJ	MultiSwitch 900 - 8 slot, power supply, power cord - <u>India / South Africa</u> .	4.295
DMHUB-AT	MultiSwitch 900 - 8 slot, power supply, power cord - <u>Israel</u> .	4.295
DMHUB-AI	MultiSwitch 900 - 8 slot, power supply, power cord - <u>Italy</u> .	4.295
DMHUB-AK	MultiSwitch 900 - 8 slot, power supply, power cord - <u>Switzerland</u> .	4.295
DMHUB-AE	MultiSwitch 900 - 8 slot, power supply, power cord - <u>UK / Ireland</u> .	4.295
DLHUB-A3	Multiswitch 900-4 - 4 slots, Management Agent, power supply, NO power cord.	2.830
DLHUB-AX	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>Central Europe</u> .	2.830
DLHUB-AD	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>Denmark</u> .	2.830
DLHUB-AT	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>Israel</u> .	2.830
DLHUB-AI	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>Italy</u> .	2.830
DLHUB-BJ	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>South Africa</u> .	2.830
DLHUB-AK	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>Switzerland</u> .	2.830
DLHUB-AE	Multiswitch 900-4 - 4 slots, Management Agent, power supply, power cord - <u>UK / Ireland</u> .	2.830
DLTDM-MA	MultiSwitch 900-4 - Management Agent Module (MAM).	1.045
H7896-MA	MultiSwitch 900-4, rackmount kit.	368

#### M.2. Power Supply Modules

H7894-MA	MultiSwitch 900 - power supply	1.066
H7898-MA	Redundant power supply.	1.360
H7876-AA	backplane track power supply.	124
DEHUA-NB	DEChub ONE - 90W power supply, converts MultiSwitch 900 module into <u>standalone</u> unit, AUI port, NO power cord.	525
DEHUA-CX	DEChub ONE - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>Central Europe</u> .	525

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DEHUA-CD	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>Denmark</u> .	525
DEHUA-CT	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>Israel</u> .	525
DEHUA-CI	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>Italy</u> .	525
DEHUA-DJ	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>India / South Africa</u> .	525
DEHUA-CK	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>Switzerland</u> .	525
DEHUA-CE	<b>DEChub ONE</b> - converts MultiSwitch 900 module into <u>standalone</u> unit, power cord - <u>UK / Ireland</u> .	525
DEF1H-MB	<b>DEChub ONE-MX</b> - power supply, converts MultiSwitch 900 FDDI module ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into <u>standalone</u> unit, AUI connector, 2 PMD slots, NO power cord (purchase PMDs separately).	861
DEF1H-A3	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, AUI connector, 2 PMD slots, NO power cord (purchase PMDs separately).	861
DEF1H-AX	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>Central Europe</u> (purchase PMDs separately).	861
DEF1H-AD	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>Denmark</u> (purchase PMDs separately).	861
DEF1H-BJ	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>India / South Africa</u> (purchase PMDs separately).	861
DEF1H-AT	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>Israel</u> (purchase PMDs separately).	861
DEF1H-AI	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>Italy</u> (purchase PMDs separately).	861
DEF1H-AK	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>Switzerland</u> (purchase PMDs separately).	861
DEF1H-AE	<b>DEChub ONE-MX</b> - converts MultiSwitch 900 FDDI modules ( <u>DECconcentrator 900, DECswitch 900EF</u> ) into standalone unit, power cord - <u>UK / Ireland</u> (purchase PMDs separately).	861
H9519-AA	<b>DEChub ONE-MX</b> - redundant power kit.	109

### M.3. Switches

DAHST-MA	<b>ATMswitch 900T ATM</b> - 6 155Mb/s UTP-5 ports, 2 ATM PMD slots, NO power, (purchase PMDs separately).	8.043
DAHSF-MA	<b>ATMswitch 900F ATM</b> - 6 155Mb/s MMF SC ports, 2 ATM PMD slots, NO power (purchase PMDs separately).	8.673
DETPX-MA	<b>PORTswitch 900TP/12 Ethernet</b> - 32 RJ45 twisted pair ports, 12 LANs in backplane,SNMP, NO power.	4.720
DECPM-MA	<b>PORTswitch 900CP Ethernet</b> - 16 BNC ports, SNMP, NO power.	5.775
DEFMM-MA	<b>PORTswitch 900FP Ethernet</b> - 12 fibre ST ports, SNMP, NO power.	6.290
DVNEE-MA	<b>VNswitch 900EE Ethernet</b> - 24 Ethernet UTP RJ45 ports, SNMP, NO power	9.445
DVNEE-PA	<b>VNswitch 900EE</b> - Bundle of 3 units.	15.745
DVNLL-MA	<b>VNswitch 900LL Ethernet</b> - 12 Ethernet MMF ST port pairs, SNMP, NO power.	12.595
DVNEA-MX	<b>VNswitch 900EA Ethernet / ATM</b> - 12 Ethernet UTP RJ45 ports, 1 ATM MMI slot, SNMP, NO power, (purchase MMI separately).	11.755
DVNEX-MX	<b>VNswitch 900EX Ethernet / Fast Ethernet</b> - 12 Ethernet UTP RJ45 ports, 2 Fast Ethernet MMI slots, SNMP, NO power, (purchase MMIs separately).	7.870
DEFBA-MA	<b>DECswitch 900EF Ethernet / FDDI</b> - 4 10BaseT, 2 AUI Ethernet ports, DAS FDDI port, RMON, SNMP, NO power.	6.295
DVNEF-MM	<b>VNswitch 900EF Ethernet / FDDI</b> - 12 Ethernet UTP RJ45 ports, 2 FDDI MMF ANSI MIC ports, SNMP, NO power.	12.595
DVNEF-MX	<b>VNswitch 900EF Ethernet / FDDI</b> - 12 Ethernet UTP RJ45 ports, 2 FDDI MMI slots, SNMP, NO power, (purchase MMIs separately).	10.915
DFETX-MA	<b>MultiSwitch 924TXG Fast Ethernet</b> .	5.067
DFETX-MB	<b>MultiSwitch 916TXG Fast Ethernet</b> .	4.053

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DVNCC-MA	VNswitch 900CC <u>Fast Ethernet</u> -16 10/100 TX ports, NO power.	5.770
DVNCC-PA	VNswitch 900CC - Bundle of 3 units.	13.645
DVNXX-MX	VNswitch 900XX <u>Fast Ethernet</u> - 4 Fast Ethernet MMI slots, SNMP, NO power, (purchase MMIs separately).	5.245
DVNXX-PA	VNswitch 900XX - Bundle of 3 units.	10.490
DVNXA-MX	VNswitch 900XA <u>Fast Ethernet / ATM</u> - 2 Fast Ethernet MMI slots, 1 ATM MMI slot, SNMP, NO power (purchase MMIs separately).	9.235
DVNCG-MX	VNswitch 900CG <u>Fast / Gigabit Ethernet</u> - 8 10/100 TX ports, 1 GPIM slot, NO power (purchase GPIM's separately).	6.295
DVNFF-MX	VNswitch 900FF <u>FDDI</u> - 2 FDDI DAS port pairs, SNMP, NO power.	12.385
DVNFA-MX	VNswitch 900FA <u>FDDI / ATM</u> - 1 FDDI MMI slot, 1 ATM MMI slot, SNMP, NO power (purchase MMIs separately).	13.225
DVNFX-MX	VNswitch 900FX <u>FDDI / Fast Ethernet</u> - 1 FDDI DAS port pair, 2 Fast Ethernet ports, SNMP, NO power.	10.285
DVNGV-MX	VNswitch 900GV <u>Gigabit Ethernet</u> - 1 Gigabit Ethernet MMI slot, NO power (purchase MMI separately).	3.670
QM-5VTAA-AA	VNswitch 900 CBT MUL, 1 licences	83
QM-5VTAA-AB	VNswitch 900 CBT MUL, 5 licences	289
QM-5VTAA-AC	VNswitch 900 CBT MUL, unlimited licences	993
QB-5VTAA-SA	VNswitch 900 CBT MUL, 1 licence, CDROM package	100
QB-5VTAA-SB	VNswitch 900 CBT MUL, 5 licences, CDROM package	289
QB-5VTAA-SC	VNswitch 900 CBT MUL, unlimited licences, CDROM package	1.045
<b>M4. ETHERNET</b>		
DETMM-MA	DECrepeater 900TM - 32 RJ45 ports, SNMP, NO power.	3.219
<b>M5. FAST ETHERNET</b>		
DLMT2-MA	MultiSwitch <u>Fast Ethernet Hub 924TX</u> - 24 UTP ports, 2 Fast Ethernet MMI slots, SNMP, NO power (purchase MMI's separately).	4.195
<b>M6. FDDI</b>		
DEF6X-MA	DECconcentrator 900MX - 6 FDDI PMD slots, SNMP, NO power (purchase PMD's separately).	3.875
DEFHU-MM	DECconcentrator 900TH - 12 UTP RJ45 ports, 2 MMF ANSI MIC ports, SNMP, NO power.	7.560
DEFHU-MX	DECconcentrator 900TH - 12 UTP RJ45 ports, 2 FDDI PMD slots, SNMP, NO power, (purchase PMD's separately).	6.458
DEFHM-MM	DECconcentrator 900FH - 12 MMF SC ports, 2 MMF ANSI MIC ports, SNMP, NO power.	11.498
DEFHM-MX	DECconcentrator 900FH - 12 MMF SC ports, 2 FDDI PMD slots SNMP, NO power (purchase PMD's separately).	10.448
<b>M7. Terminal / Access Servers</b>		
DSRVZ-MC	DECserver 900TM - 32 RJ45 ports, uses DNAS software, NO power supply (purchase external flash card <u>H0345-AA</u> separately).	5.161
BN41A-03	Cable - Telco to 4 DB25s with full modem control for <u>DECserver 900GM</u> .	119
BN41B-03	Cable - Telco to 8 RJ45s with partial modem control for <u>DECserver 900GM</u> .	103
BN41D-03	Cable - <u>DECserver 900GM</u> .	124
<b>M8. Routers</b>		

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DEZ8R-RB	RouteAbout Central EW - multiprotocol, 2 RJ45 ports, 8 E1 ports, NO power supply.	8.395
DEZ8R-SB	RouteAbout Central EW - IP protocol, 2 RJ45 ports, 8 E1 ports, NO power supply.	8.395
DEZPR-RC	RouteAbout Central EP - multiprotocol, 2 RJ45 ports, 4 E1 ports, 2 ISDN/PRI ports, NO power supply.	9.445
QM-4P3AA-BA	RouteAbout Central EW - multiprotocol, licence.	3.045
QM-4P3AA-BB	RouteAbout Central EW - multiprotocol, update, licence.	487
QA-4P3AA-H8	RouteAbout Central EW - multiprotocol, CDROM package.	520
QB-4P3AA-WA	RouteAbout Central EW - multiprotocol, licence, CDROM package.	3.250
QB-4P3AA-WB	RouteAbout Central EW - multiprotocol, upgrade, CDROM package.	692
QM-4P2AA-BA	RouteAbout Central EW - IP protocol, licence.	2.520
QM-4P2AA-BB	RouteAbout Central EW - IP protocol, update, licence.	403
QM-4P4AA-BA	RouteAbout Central EW - IP to multiprotocol, migration, licence.	1.260
QA-4P2AA-H8	RouteAbout Central EW - IP protocol, CDROM kit.	236
QB-4P2AA-WA	RouteAbout Central EW - IP protocol, licence, CDROM package.	2.662
QB-4P2AA-WB	RouteAbout Central EW - IP protocol, upgrade, CDROM package.	545
QB-4P4AA-WA	RouteAbout Central EW - IP to multiprotocol, migration, CDROM package.	1.423
QM-5FBAA-BA	RouteAbout Central EI - multiprotocol, licence.	3.045
QM-5FBAA-BB	RouteAbout Central EI - multiprotocol, update, licence.	487
QB-5FBAA-WA	RouteAbout Central EI - multiprotocol, licence, CDROM package.	3.250
QB-5FBAA-WB	RouteAbout Central EI - multiprotocol, upgrade, CDROM package.	692
QM-5FAAA-BA	RouteAbout Central EI - IP protocol, licence.	2.520
QM-5FAAA-BB	RouteAbout Central EI - IP protocol, update, licence.	403
QB-5FAAA-WA	RouteAbout Central EI - IP protocol, licence, CDROM package.	2.662
QB-5FAAA-WB	RouteAbout Central EI - IP protocol, upgrade, CDROM package.	545
QM-5FCAA-BA	RouteAbout Central EI - IP to multiprotocol, licence.	1.260
QB-5FCAA-WA	RouteAbout Central EI - IP to multiprotocol, CDROM package.	1.402
QM-5LHAA-BA	RouteAbout Central EP - multiprotocol, licence.	3.045
QM-5LHAA-BB	RouteAbout Central EP, multiprotocol, update, licence	487
BC12J-06	Cables - EIA530A 50pin to 25pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	87
BC12L-06	Cables - RS232 50pin to 25pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	81
BC12H-06	Cables - RS422 50pin to 37pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	92
BC12K-06	Cables - RS423 50pin to 37pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	87
BC12G-06	Cables - V.35 50pin to 34pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	93
BC12F-06	Cables - X.21 50pin to 15pin D-sub, <a href="#">RouteAbout Central</a> , <a href="#">RouteAbout Access</a> .	81
BN25G-03	Cables - Basic Rate ISDN, <a href="#">RouteAbout Central EI</a> , <a href="#">RouteAbout Access EI</a> .	8

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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**\$**

QA-4P3AA-GZ      RouteAbout Central, RouteAbout Access documentation kit.

289

## REMOTE ACCESS / WIDE AREA NETWORKS - WAN

### N. SSA720

SSA720-60      **Dial Access Concentrator** - dual ISDN E1/PRI interfaces (RJ-48C), 60 ports V.90 digital modems, redundant power supplies. 14.695

### O. HubSTACK

#### O.1. HubSTACK SNMP/RMON Management - ETHERNET

24PORT-UGKT-E      extra 12 RJ45 Ports for MicroMMAC. 630

MICRO-FL-UGK      MicroMMAC image disk. 230

4MB-SCM-UGK-60      1MX32 DRAM,4M,SCM,60NS 788

#### O.2. HubSTACK SNMP/RMON Management - TOKEN RING

MICROMMAC-44T      **HubSTACK** Token Ring - 24 Port STP (plus Architecture with RMON & BRIM Support). 4.622

### P. SmartSwitch Router Family

#### P.1. SmartSwitch Router 100, 200 - SOHO

SSR110      **SmartSwitch Router** ISDN - S/T, 10BaseT. 593

SSR110-PRM      **SmartSwitch Router** ISDN - SSR110 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 802

SSR115      **SmartSwitch Router** ISDN - S/T, 10BaseT, 4-Port Hub. 709

SSR115-PRM      **SmartSwitch Router** ISDN - SSR115 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 918

SSR130      **SmartSwitch Router** ISDN - U, 10BaseT. 593

SSR130-PRM      **SmartSwitch Router** ISDN - SSR130 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 802

SSR140      **SmartSwitch Router** ISDN - S/T, 10BaseT, dual POTS. 761

SSR140-PRM      **SmartSwitch Router** ISDN - SSR140 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 970

SSR150      **SmartSwitch Router** ISDN - U, 10BaseT, dual POTS. 761

SSR150-PRM      **SmartSwitch Router** ISDN - SSR150 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 970

SSR245      **SmartSwitch Router** - Ethernet-to-Ethernet, 4-port hub. 681

SSR245-PRM      **SmartSwitch Router** - SSR245 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 890

SSR250      **SmartSwitch Router** ADSL - DMT 681

SSR250-PRM      **SmartSwitch Router** - SSR250 with firewall, L2TP, DES encryption pre-loaded. DES export licence required. 890

SSR/FP-UPG      **Field Upgrades** for SSR100/200/FPxx Products. MUST provide Serial # and Customer EMAIL Address with Order (FWL,L2TP,DES). 209

#### P.2. SmartSwitch Router 500 - ROBO

SSR-510      **SmartSwitch Router** ISDN - 10BaseT, 1 T1 WAN port, 1 ISDN BRI port. 1.780

SSR-520      **SmartSwitch Router** - Multiprotocol, 10BaseT, 2 T1 WAN ports. 1.675

SSR-500-CRS      base software. 100

#### P.3. SmartSwitch Router 600, 700 Family - WAN

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
SSR-600-S	<b>SmartSwitch Router 600</b> - 2 10/100 Ethernet ports, Cabletron Routing Software (CRS), single power supply, 2 SWPIM slots (purchase SWPIMs separately).	2.620
SSR-600-D	<b>SmartSwitch Router 600</b> - 2 10/100 Ethernet ports, Cabletron Routing Software (CRS), redundant power supplies, 2 SWPIM slots (purchase SWPIMs separately).	3.145
SSR-600-PKG	<b>SmartSwitch Router 600 bundle</b> - 1 base unit (SSR-600-S), 1 encryption / compression module (SSR-600-ECM), 1 CRS & encryption package (SSR-600-VPN+).	3.659
SSR-600-ECM	<b>SmartSwitch Router 600</b> - encryption / compression accelerator module.	1.045
SSR-600-CRS	<b>SmartSwitch Router 600</b> - Cabletron Routing Software (CRS) cdrom.	105
SSR-600-VPN	<b>SmartSwitch Router 600</b> - Cabletron Routing Software with DES(56bit) encryption, CDROM.	520
SSR-600-VPN+	<b>SmartSwitch Router 600</b> - Cabletron Routing Software with 3DES(168bit) Encryption, CDROM.	1.045
SSR-600-RCK-KIT	<b>SmartSwitch Router 600</b> - rackmount brackets.	53
SSR-710-E1	<b>SmartSwitch Router 710</b> Central Office Router - multiprotocol, 2 10BaseT ports, 4 E1 WAN ports, 2 ISDN PRI ports.	7.345
SSR-710-CRS	<b>SmartSwitch Router 710</b> - base software.	100
SSR-710-VPN	<b>SmartSwitch Router 710</b> - Cabletron Routing Software with DES(56bit) encryption, CDROM.	520
SSR-710-VPN+	<b>SmartSwitch Router 710</b> - Cabletron Routing Software with 3DES(168bit) Encryption, CDROM.	1.045
SSR-720	<b>SmartSwitch Router 720</b> Central Office Router - multiprotocol, 2 10BaseT ports, 8 E1 WAN ports.	6.295
SSR-720-CRS	<b>SmartSwitch Router 720</b> - Base Software.	100
SSR-720-VPN	<b>SmartSwitch Router 720</b> - Cabletron Routing Software with DES(56bit) encryption, CDROM.	520
SSR-720-VPN+	<b>SmartSwitch Router 720</b> - Cabletron Routing Software with 3DES(168bit) Encryption, CDROM.	1.045
SSR-700-RCK-KIT	<b>SmartSwitch Router 700</b> family - rackmount brackets.	53
<b>Q. FlowPoint Family - IDSL / SDSL</b>		
FP144-16	<b>FlowPoint 144</b> - 16 IDSL Router - compatible with Nokia, Cisco, Pulsecom, Ascend and other DSLAMs.	524
FP144-16-PRM	<b>FlowPoint 144</b> - 16 - includes firewall, L2TP, DES encryption pre-loaded. DES export licence required.	733
FP144-18	<b>FlowPoint 144</b> - 18 IDSL Router - compatible with Copper Mountain DSLAMs.	524
FP2025	<b>FlowPoint 2025</b> - Ethernet-to-ATM Router.	681
FP2025-1.00	<b>FlowPoint 2025</b> - Enet-to-ATM Router for British Telecom.	681
FP2100-12	<b>FlowPoint 2100</b> - 12 ADSL CAP Router for Diamond Lane.	629
FP2100-12-PRM	<b>FlowPoint 2100</b> - 12 - includes firewall, L2TP, DES encryption pre-loaded. DES export licence required.	838
FP2100-14	<b>FlowPoint 2100</b> - 14 ADSL CAP Router for CS/Ariel.	629
FP2200-12	<b>FlowPoint 2200</b> - 12 SDSL Bridge/Router for Diamond Lane.	629
FP2200-12-PRM	<b>FlowPoint 2200</b> - 12 - includes firewall, L2TP, DES encryption pre-loaded. DES export licence required.	838
FP2200-14	<b>FlowPoint 2200</b> - 14 SDSL Bridge/Router for Interspeed.	629
FP2200-16	<b>FlowPoint 2200</b> - 16 SDSL Bridge/Router for Copper Mountain.	629
FP2200-16-PRM	<b>FlowPoint 2200</b> - 16 - includes firewall, L2TP, DES encryption pre-loaded. DES export licence required.	838
FP2200-18	<b>FlowPoint 2200</b> bundle - 18 SDSL Bridge/Router for LAN-to-LAN, bundle of 2 units.	1.258

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
FP2200-18-PRM	<b>FlowPoint 2200</b> - 18 - includes firewall, L2TP, DES encryption pre-loaded. DES export licence required.	1.467
FP2200-20	<b>FlowPoint 2200</b> - 20 SDSL Bridge/Router for Promatory.	629
FP2200-22	<b>FlowPoint 2200</b> - SDSL Bridge/Router for InterSpeed (Frame Relay).	629
FP2200-32	<b>FlowPoint 2200</b> SDSL Bridge/Router for Newbridge (ATM)	629

## R. IS Systems

IS-600-00011	<b>System 500</b> - 3 slot chassis, DC powerr supply, documentation.	2.310
IS-600-00010	<b>System 1000</b> - 12 slot chassis.	4.148
IS-610-00012	<b>Module, Line - LM01 SDSL</b> , 16 ports single pair SDSL 1.168 Mbps.	10.684
IS-610-00015	<b>Module, Line - LM02 SDSL</b> , 16 ports single pair SDSL 2.320 Mbps.	10.684
IS-605-00010	<b>Module, Line - LM01 SDSL</b> , RMA 16 port single pair SDSL 1.168 Mbps.	9.009
IS-605-00022	<b>Module, Line - IS LM02 SDSL</b> , RMA 16 port single pair SDSL 2.320 Mbps.	10.164
IS-605-00011	<b>Module, Media - IS MM01</b> , RMA MM01 for use with LM01 or LM02.	562
IS-610-00010	<b>Module SM01</b> - 4 10Mbps, 1 10/100Mbps TX.	11.393
IS-610-00011	<b>Module SM02</b> - 4 10Mbps, 1 10/100Mbps FX.	11.965
IS-605-00015	<b>Module, Switch/Router - IS SM01</b> , RMA 4 10Mbps + 1 10/100Mbps TX.	11.319
IS-605-00014	<b>Module, Switch/Router - IS SM02</b> , RMA 4 10Mbps + 1 10/100Mbps FX.	11.897
IS-605-00019	<b>System 500</b> - AC power supply, need 2 for redundancy.	499
IS-605-00020	<b>Interspeed System 1000 AC Power Supply</b> .	956
IS-610-00013	<b>System 500 / 1000</b> - DC power supply for redundancy.	231
IS-605-00013	<b>IS System 500 ACM</b> - RMA System 500 fan assembly.	378
IS-605-00012	<b>IS System 1000 ACM</b> - RMA System 1000 fan assembly.	1.150
IS-510-00010	<b>IS SM Console Cable</b> [Console to PC cable assembly].	74
IS-810-00011	<b>IS System 500 Documentation</b> [Interspeed 500 documentation hard-copy].	100
IS-810-00010	<b>IS System 1000 Documentation</b> [Interspeed 1000 documentation hard-copy].	110

## S. SmartSwitch Family

### S.1. SmartSwitch 1500 - Access

SON-8000DA	<b>Access Pentium II</b> base unit - dual switchable 110/240 VAC power supplies for multi-media applications.	5.927
SON-8000SA	<b>Access Pentium II</b> base unit - switchable 110/240 VAC power supply for multi-media applications.	4.930
SON-8000SW4	<b>Access Pentium II</b> base unit - switchable 110/240 VAC power supply for multi-media applications.	2.100
SON-FENET-4	<b>Fast Ethernet</b> - 4 port, 10/100 Mbps auto sensing, RJ45 connectors.	3.150
SON-CESMMOC3	<b>WAN</b> card set - 4 T1/E1 circuit emulation ports (RJ45), 1 OC3c/STM-1 AT uplink with fiber optic SC connector (0-2km), requires 2 slots.	8.925
SON-T1CESIMA	<b>WAN</b> card set with four T1/E1 circuit emulation ports (RJ45) and four T1 ATM IMA uplink ports (RJ45). requires 3 ports.	11.550

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
SON-IMADS1-8	Inverse Multiplexing - 8 port T1 ATM, RJ45.	9.975
SON-RM-19	19" rackmount kit for phase II chassis.	263
SON-SUG4	Sonoma Access V4 User Guide.	105

### S.2. SmartSwitch 1800 - FRAME RELAY

**NOTE: Authorised Configuration and Support Plan required.**

1WB18-0104	SmartSwitch 1800 - frame relay access device supporting SDLC, IP/IPX routing, and LLC2, 4 serial ports, 1 ethernet port.	4.195
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## T. CyberSWITCH (CSX) Family

### T.1. CSX 100

CSX100-COML	CSX100 family - Command Line Interface (CLI) upgrade kit.	263
CSX100-CON-OPT	CSX100 family - Macintosh or non Windows 95 / NT PC console cable.	0
CSX100-NRC	CSX100 family - firmware upgrade kit.	263

### T.2. CSX 200

CSX200	CSX200 IP Router - 12 RJ-45 Ethernet ports, 1 WPIM slot (purchase WPIM separately).	3.670
CSX201	CSX200 IP Router - 12 RJ-45 Ethernet Ports and one T-1 WAN Interface. Includes internal CSU/DSU.	3.100
CSX203	CSX200 IP Router - 12 RJ-45 Ethernet ports, 1 DDS WAN slot, includes internal CSU/DSU.	3.493
CSX200-COMP/ENCR	CSX200 family - CyberSWITCH compression and encryption daughter card.	792
CSX200-CO/EN-EX	CSX200 family - CyberSWITCH compression and encryption daughter card, international version.	792
CSX200-ACCY-KIT	CSX200 family - rackmounting kit.	21
CSX200-FL-UGK	CSX200 family - flash upgrade kit.	263

### T.3. CSX 400

CSX400	CSX400 IP router - 2 EPIM slots, 2 WAN WPIM slots, supports 32 links per WAN (purchase EPIMs, WPIMs separately).	3.535
CSX400-DC	CSX400 IP router - 2 EPIM slots, 2 WAN WPIM slots, DC power supply, supports 32 links per WAN (purchase EPIMs, WPIMs separately).	3.534
CSX-COMP/ENCR	CyberSWITCH IP Router - compression and encryption daughter card for the CSX400 and WAN HSIM families.	797
CSX-COMP/ENCR-EX	CyberSWITCH IP Router - CyberSWITCH compression and encryption daughter card for CSX400, WAN HSIM family.	797

### T.4. CSX 1200

CSX1200-AT-UG	CSX1201 / 1204 - AppleTalk routing field upgrade software option, includes full documentation on CD.	457
CSX1200-IPX-UG	CSX1201 / 1204 - IP/IPX routing field upgrade software option, includes full documentation on CD.	457
CSX1200-X25-UG	CSX1201 / 1204 - X.25-over-ISDN field upgrade software option, includes full documentation on CD.	457
CSX1200-FR-UG	CSX1200 family - Frame Relay-over-ISDN field upgrade software option, includes full documentation on CD.	458

### T.5. CSX 5500, 6000, 7000

CSX7010-INT	CSX7010 - 16 ISA slot chassis; Maximum of 6 WAN modules, 1 LAN modules; CSXPRO7-32,management module (CSX-EMS-MOD); complete with Intel 100 MHz Pentium processor and software per system, (two systems max per chassis). International version.	17.850
CSX7011-INT	CSX7011 - 16 ISA slot chassis; Maximum of 6 WAN modules, 1 LAN modules; CSXPRO7-32,management module (CSX-EMS-MOD); complete with Intel 100 MHz Pentium processor and software per system, (two systems max per chassis).	22.045

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
CSX-EMS-MOD	management module.	3.696
CSX6000-MEM-UG	<b>CSX6000</b> family - 32 MB memory upgrade kit.	1.197
CSXALP-SUP	Standalone super NT1 with 2 analog phone lines.	473
CSX-AT-IN-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT routing installation software.	831
CSX-FR-IN-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT/FR installation software.	831
CSX-X25-IN-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT/X.25 installation software.	832
CSX-IPX-UG-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX routing software, field upgrade, supports international switch types NET3, NET5, 1TR6, TS013 and TS014 (Europe). Includes documentation on CD.	832
CSX-AT-UG-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT routing software, field upgrade, supports international switch types NET3, NET5, 1TR6, TS013 and TS014 (Europe). Includes documentation on CD.	832
CSX-FR-UG-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT/FR routing software, field upgrade, supports international switch types NET3, NET5, 1TR6, TS013 and TS014 (Europe). Includes documentation on CD. <b><u>ORDER WITH PLATFORM ONLY</u></b>	832
CSX-X25-UG-INT	<b>CSX7000 / 6000 / 5500</b> - IP/IPX/AT/X.25 routing software, field upgrade, supports international switch types NET3, NET5, 1TR6, TS013 and TS014 (Europe). Includes documentation on CD.	832
CSX-Y2K-7000-UG	<b>CSX7010 / 7011 Y2K</b> upgrade - hardware for platforms with BIOS date less than 12/12/96, requires processor exchange.	1.050
CSX-Y2K-SW-UGK	<b>CSX 7010 / 7011 / 5500 Y2K</b> upgrade - software.	105

#### T.6. Accessories

CSXAUI-1	1 Ethernet AUI 15 pin connector.	1.313
CSXAUI-2	2 Ethernet AUI 15 pin connectors.	2.013
CSXBRI-4	4 port BRI with 4 RJ-45 S/T interface - for Private networks only.	2.308
CSXPRI-23/30	Single port PRI (either 23 BRI US or 30 BRI Europe).	2.308
CSXPRO7-32	<b>CSX7000</b> - Processor module, with an Intel Pentium 90 MHz chip, 1.2 Gb hard drive, 32 Mb of RAM.	7.660
CSXDIG-24+	<b>CSX7000 / 6000 / 5500</b> - 24 port digital modem module, supports K56flex 56 kbps modem speed.	6.300
CSXDIG-30+	30 port digital modem module supporting K56flex 56 Kbps modem speed for countries supporting E1 or 30 channels per PRI.	7.875
CSXV35	V.35 card with 2 dedicated 56K-2.048M lines.	1.568
CSX-MGR	Systems Communication and Management Software.	180
CSXNT1U-110TC	Network terminator 1 (NT1) card for the CSXNT1-110 rack.	236
CSXUT620-PA	Standalone Network Terminator 1 (NT1) with power adapter included.	210

#### U. SmartSwitch back-up Family

CAB0022	ISDN Extension Cable	43
CAB0030	V.35 Female to KBU User (Issue G KBU only)	120
CAB0031	V.35 Male to KBU Link (Issue G KBU only)	120
CAB0033	V.24 Male to KBU Link (Issue G only)	59
CAB0035	KBU64 Rack V35 (User)	151
CAB0036	KBU64 Rack V35 (Link)	151
CAB0039	X21 128K Back Up MCX/KBU	92

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<u>\$</u>
CBU-FBP	CBU Front Blanking Panel	51
CBUG64S/FC	CBU G64S Front Card	1.115
CBUG64S/RC	CBU G64S X21 Rear Card	601
CBUPRI/E1	Primary Rate E.1 Module	6.005
CBUPRI/E1/RC	Primary Rate E.1 Rear Card	772
CBUPRI/FC	Primary Rate Front Card	5.490
CBU-RBP	CBU Rear Blanking Panel	51
KBU/RM/ADT	KBU64 Rack Adapter Kit	171
KBU64/2/D64/RC	KBU64 X21/D64S Rear Card	772
KBU64/2/FC	KBU64 Rack Front Card	2.316
KBU64/2/V24/RC	KBU64 V24 Rear Card	720
KBU64/2/V35/RC	KBU64 V35 Rear Card	772
KBU64/2/X21/RC	KBU64 X21 Rear Card	772
KBU64/2-CARD/D64	Module consists of a KBU64/2/FC and a KBU64/2/D64/RC	2.917
KBU64/2-CARD/V24	Module consists of a KBU64/2/FC and a KBU64/2/V24/RC	2.917
KBU64/2-CARD/V35	Module consists of a KBU64/2/FC and a KBU64/2/V35/RC	2.917
KBU64/2-CARD/X21	Module consists of a KBU64/2/FC and a KBU64/2/X21/RC	2.917
KBU64-2	KBU64 - Standalone - Dual Channel	3.423
KBU64-2/CardD64	KBU64 Rack Card D64S Module	2.720
KBU64-2/CardV24	KBU64 Rack Card V24 Module	2.720
KBU64-2/CardV35	KBU64 Rack Card V35 Module	2.720
KBU64-2/CardX21	KBU64 Rack Card X21 Module	2.720
KBU64-2/D64	KBU64 - D64S L-C Variant	3.423
KBU64-2/IF/ADT	KBU64 S/A V24/V35 Adaptor	428
KBU64-MANAGER	KBU64 Manager Card Module	916
KBU64-MANAGER/FC	KBU64 Manager Card	630
KBU64-MANAGER/RC	KBU64 Manager Rear Card	328
KBU64-PSU	KBU64 Power Supply	1.134
KBU64-RACK	KBU64 Frame Assembly	5.536
KBU-FBP	KBU64 Front Blanking Panel	26
KBU-RBP	KBU64 Rear Blanking Panel	26
MCX128	Dual X21/V35 Inverse Multiplexer - 128Kbps/64Kbps IMUX	2.316

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
SBU128/V35S-1	SBU128 Stand Alone V35 "S" interface	3.992
SBU128/V35U-1	SBU128 Stand Alone V35 "U" interface	3.992
SBU128/X21S-1	SBU128 Stand Alone X21 "S" interface	3.992
SBU128/X21U-1	SBU128 Stand Alone X21 "U" interface	3.992
SBU14C	CBU/14 Shelf Assembly	3.688
SBU512/V35S-1	SBU512 Stand Alone V35 "S" interface	5.592
SBU512/V35U-1	SBU512 Stand Alone V35 "U" interface	5.592
SBU512/X21S-1	SBU512 Stand Alone X21 "S" interface	5.592
SBU512/X21U-1	SBU512 Stand Alone X21 "U" interface	5.592
SBU6B/QHB/V35	SBU6C Basic Rate TE Backup V35 Bundle	9.025
SBU6B/QHB/X21	SBU6C Basic Rate TE Backup X21 Bundle	9.025
SBU6C	CBU/6 Frame Assembly	2.226
SBU6P/QHB/V35	SBU6C Primary Rate E.1 Backup V35 Bundle	9.235
SBU6P/QHB/X21	SBU6C Primary Rate E.1 Backup X21 Bundle	9.235
SBUGSM	CBU Shelf Manager Module	1.201
SBUGSM/FC	CBU Shelf Manager Front Card	880
SBUGSM/RC	CBU Shelf Manager Rear Card	320
SBULSM	LAN shelf Manager module	1.716
SBULSM/FC	LAN Shelf Manager Front card	1.120
SBULSM/RC	LAN Shelf Manager Rear card	480
SBU-NM	Network Management System	4.800
SBUPRI-23/RC	SBU Primary Rate T.1 Rear Card	720
SBUPRI-2330/FC	SBU Primary Rate Front Card	5.120
SBUPRI-30	SBU Primary Rate E.1 Module (30 Channel)	5.600
SBUPRI-30/RC	SBU Primary Rate E.1 Rear Card	720
SBUPSU14	CBU/14 Shelf Power Supply	560
SBUPSU6	CBU/6 Power Supply	560
SBUPSV24	CBU Port Sharer Module	858
SBUPSV24/FC	CBU Port Sharer Front Card	560
SBUPSV24/RC	CBU Port Sharer Rear Card	320
SBUQBR/FC	Quad Basic Rate Front Card	4.400
SBUQBR/TE	Quad Basic Rate TE Module	5.147

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
SBUQBR/TE/RC	Quad Basic Rate TE Rear Card	720
SBUQBU/V24/RC	Quad Backup V24 Rear Card	1.440
SBUQBU/V35/RC	Quad Backup V35 Rear Card	1.440
SBUQBU/X21/RC	Quad Backup X21 Rear Card	1.440
SBUQHB/FC	QHS Backup Front Card	6.000
SBUQHB/V35	QHS V35 Backup Module	7.712
SBUQHB/X21	QHS X21 Backup Module	7.712
SBUQHS/FC	Quad High Speed Front Card	5.200
SBUQHS/V35	QHS V35 Module	5.997
SBUQHS/X21	QHS X21 Module	5.997
SBUQLB/FC	QLS Backup Front Card	4.400
SBUQLB/V24	QLS V24 Backup Module	5.139
SBUQLB/V35	QLS V35 Backup Module	5.139
SBUQLB/X21	QLS X21 Backup Module	5.139
SBUQLS/FC	Quad Low Speed Front Card	2.800
SBUQLS/V24	QLS V24 Module	3.423
SBUQLS/V24/RC	Quad V24 Rear Card	720
SBUQLS/V35	QLS V35 Module	3.423
SBUQLS/V35/RC	Quad V35 Rear Card	720
SBUQLS/X21	QLS X21 Module	3.423
SBUQLS/X21/RC	Quad X21 Rear Card	720
SBU-SNMP	SNMP Optional Package	4.800
SPEC0039	V.24 Male to Female Straight (DB25)	76
SPEC0064	X.21 Male to Female (twisted pair)	67
SPEC0070	X.21 Male to Male (twisted pair) KBU To NTU	67
SPEC0094A	X21 Link Male to Female Twisted Pair	67
SPEC0095A	V35 Male to KBU Link Twisted Pair	126
SPEC0097	V35 Female to KBU Used Twisted Pair	126
SPEC0104B	IBM 6611 Router to KBU User Twisted	67
SPEC0106A	Remote Alarm Reporting Alarm to User 2	59
SPEC0120	V24 9 Way FM to KBU User - async	59
SPEC0121	V24 9 Way FM to KBU Alarm/Command	59

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
SPEC0123	V.24 9-Way PC to PSV (Network Management)	59
SPEC0158	V24 9 Way Male PSV7 Slave to 25 Way Male DCE	59
SPEC0183B	V35 Male to Male Straight	210
SPEC0185A	V24 Male to Male X-Over Link	50
SPEC0186	X21 Male to Female Straight Twisted	59

## V. FRX Family - FRAME RELAY

### V.1. FRX 4000

FRX4-PRECONFIG	Preconfiguration services for the <u>FRX4000</u> . Pricing is on a per order basis only.	368
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### V.2. Cables & Accessories

FRX-232DCE-CAB	<b>Cable</b> - RS232 DCE cable for 4-port expansion card.	105
FRX-232DTE-CAB	<b>Cable</b> - RS232 DTE cable for 4-port expansion card.	105
FRX-EM-HPUX	OmniView Element Manager for Hewlett Packard OpenView.	3.145

## WIRELESS

## W. SmartSwitch RoamAbout Family - 802.11

### W.1. 2.4 Ghz Direct Sequence - DS

CSI6D-AB-SP6	<b>SmartSwitch RoamAbout</b> Startup Pack - ETSI, AccessPoint, 6 PC cards, 1 indoor antenna (CSIBB-IA).	2.495
CSIWS-AB	<b>SmartSwitch RoamAbout</b> Access Point (NEXT GENERATION) - RJ45, PCMCIA slot for aerial, powered through CAT 5 cable, redundant power supply option (purchase PC card CSIBD-AB, CSIBB-AB or redundant PSU CSIWS-PS1 separately).	782
CSIAP-CA	<b>SmartSwitch RoamAbout Access Point</b> - RJ45 & BNC network port, PCMCIA slot for aerial, NO power cord (purchase PC card CSIBB-AB separately).	1.360
CSIWS-PS1	Redundant power supply for <u>CSIWS-AB</u> .	62
CSIWS-RM	Rackmount option for remote power.	41
CSIAP-WM	<b>SmartSwitch RoamAbout</b> Access Point wall mount kit for <u>CSIAP-WM</u> .	104
CSIBD-AB	<b>SmartSwitch RoamAbout</b> PC Card <u>11Mbs</u> - ETSI with integral aerial, 40 bit WEP encryption - <u>Europe</u> (excluding France / Spain).	295
CSI6D-AB	Bundle of 6 <u>CSIBD-AB</u> .	1.699
CSIBB-AB	<b>SmartSwitch RoamAbout</b> PC Card <u>2Mbs</u> - ETSI with integral aerial - <u>Europe</u> (excluding France / Spain).	295
CSIBD-AB-128	<b>SmartSwitch RoamAbout</b> PC Card <u>11Mbs</u> - ETSI with integral aerial, 128 bit WEP encryption - <u>Europe</u> (excluding France / Spain).	362
CSI6D-AB-128	Bundle of 6 <u>CSIBD-AB-128</u> .	2.099

### W.2. Internal 2.4 Ghz Direct Sequence - DS

CSIBB-IP	<b>SmartSwitch RoamAbout</b> ISA Carrier with PCMCIA slot, (purchase PC card CSIBB-AB separately).	62
CSIBB-IA	<b>SmartSwitch RoamAbout</b> Indoor Antenna - provides external aerial to PC card.	100
CSIBD-AB-SC	<b>RoamAbout</b> indoor demonstration case, ETSI. Special limited quantity bundle for demonstration purposes only.	2.099

### W.3. Building to Building - 2.4 Ghz Direct Sequence - DS

Cabletron Systems Ltd. Confidential (KVdE0899)

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
CSIEB-AB	<b>SmartSwitch RoamAbout</b> Outdoor package - <b>2 Mbps</b> includes AccessPoint, low power PC card, lightning protector, 50ft low loss cable, 14dBi Unidirectional Yagi antenna, power supply - <u>Europe</u> (excluding France / Spain).	2.095
CSIED-AB	<b>SmartSwitch RoamAbout</b> Outdoor package - <b>11 Mbps</b> includes AccessPoint, low power PC card, lightning protector, 50ft low loss cable, 14dBi Unidirectional Yagi antenna, power supply - <u>Europe</u> (excluding France / Spain).	2.515
CSIED-AB-SC	<b>RoamAbout</b> Outdoor demonstration case, ETSI. Special limited quantity bundle for demonstration purposes only.	3.149
CSILB-AB	<b>SmartSwitch RoamAbout</b> PC Card <b>2Mbs</b> - Low Power, ETSI.	625
CSIES-AA-Y14	<b>Antenna</b> Yagi Unidirectional - 14dBi, Reverse Polarity N.	394
CSIES-AB-Y14	<b>Antenna</b> Yagi Unidirectional - 14dBi, Standard Polarity N.	394
CSIES-AA-M05	<b>Antenna</b> Omnidirectional - 5 dBi, Reverse Polarity N.	89
CSIES-AB-M05	<b>Antenna</b> Omnidirectional - 5 dBi, Standard Polarity N.	89
CSIES-AA-M07	<b>Antenna</b> Omnidirectional - 7 dBi, Reverse Polarity N.	236
CSIES-AB-M07	<b>Antenna</b> Omnidirectional - 7 dBi, Standard Polarity N.	236
CSIES-AA-LP	<b>Lightning Protector</b> - Reverse Polarity N.	173
CSIES-AB-LP	<b>Lightning Protector</b> - Standard N.	173
CSIES-AA-PT50	<b>Cable</b> Assembly - 50 cm, Reverse Polarity N.	100
CSIES-AB-PT50	<b>Cable</b> Assembly - 50 cm, Standard N.	100
CSIES-AA-C20	<b>Cable</b> - Low Loss, 20 ft, Reverse Polarity N.	89
CSIES-AA-C50	<b>Cable</b> - Low Loss, 50 ft, Reverse Polarity N.	184
CSIES-AA-C75	<b>Cable</b> - Low Loss, 75 ft, Reverse Polarity N.	205
CSIES-AB-C20	<b>Cable</b> - Low Loss, 20 ft, Standard N.	89
CSIES-AB-C50	<b>Cable</b> - Low Loss, 50 ft, Standard N.	184
CSIES-AB-C75	<b>Cable</b> - Low Loss, 75 ft, Standard N.	205

## Terminal / Access Servers

### X.1. Access Server 316

CSRWV-GC	<b>Access Server 316</b> - 16 RJ25 ports, with 2Mb flash, partial modem control, uses DNAS software, no power cord (purchase DNAS flash card separately).	4.295
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### X.2. DECserver 700

DSRVW-FA	<b>DECserver 700</b> - 8 DB25 ports, NO flash, full modem control, uses DNAS software, no power cord, EMEA version.	3.116
DSRVW-FC	<b>DECserver 700</b> - 8 DB25 ports, with flash, full modem control, uses DNAS software, no power cord, EMEA version.	3.864
DSRVW-HA	<b>DECserver 700</b> - 16 RJ25 ports, NO flash, partial modem control, uses DNAS software, no power cord, EMEA version.	3.546
DSRVW-HC	<b>DECserver 700</b> - 16 RJ25 ports, with flash, partial modem control, uses DNAS software, no power cord, EMEA version.	4.295
DSRVW-NA	<b>DECserver 700</b> country kit - <b>Central Europe</b>	27
DSRVW-LD	<b>DECserver 700</b> country kit - <b>Denmark</b>	27
DSRVW-LG	<b>DECserver 700</b> country kit - <b>Germany / Austria</b>	27
DSRVW-MJ	<b>DECserver 700</b> country kit - <b>India</b>	26

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
DSRVW-LT	DECserver 700 country kit - Israel	27
DSRVW-LI	DECserver 700 country kit - Italy	27
DSRVW-NB	DECserver 700 country kit - Switzerland	27
DSRVW-LE	DECserver 700 country kit - UK / Ireland	27
DSRVW-UB	DECserver 700 4Mb memory upgrade kit	533
H8584-AC	Adapter, Terminal Servers - <a href="#">12-36053-02</a> , MP8 by MMJ adapter for DECserver.	9,45

### X.3. DECserver Network Access Software (DNAS)

H0345-AA	2Mb Flash Card containing DNAS software for DECserver 700, 900.	856
QA-0LWAA-GZ	DECserver Network Access Software (DNAS), V1.3 documentation kit.	187
QM-0LWAA-BA	DECserver NA Licence.	70
QB-0LWAA-WA	DECserver NA ALL Licence, CDrom package.	676

## Adapters

### Y.1. Ethernet

DE450-CA	PCI - <a href="#">EtherWORKS Turbo</a> PCI 10, combo - RJ45, BNC, AUI.	115
DE450-CB	PCI - <a href="#">EtherWORKS Turbo</a> PCI 10, combo - RJ45, BNC, AUI; 5 pack; 5 cards plus 1 set of documentation & drivers.	516
DE450-CC	PCI - <a href="#">EtherWORKS Turbo</a> PCI 10, combo - RJ45, BNC, AUI; 25 pack; 25 cards plus 1 set of documentation & drivers.	2.432
DE450-CM	PCI - <a href="#">EtherWORKS Turbo</a> PCI 10, combo - RJ45, BNC, AUI; bundle of 486 single units.	50.061
DT-LTI01-01	Remote Boot ROM - RPL.	42
DT-LTI01-02	Remote Boot ROM - ODI.	42
DT-LTI01-03	Remote Boot ROM - TCP/IP.	42

### Y.2. Fast Ethernet

DE500-BA	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , RJ45.	125
DE500-BB	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , RJ45; 5 pack; 5 cards plus 1 set of documentation & drivers.	562
DE500-BC	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , RJ45; 25 pack; 25 cards plus 1 set of documentation & drivers	2.656
DE500-FA	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , MMF SC.	335
DE500-FB	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , MMF SC; 5 pack; 5 cards plus 1 set of documentation & drivers.	1.508
DE500-FC	PCI - <a href="#">Fast EtherWORKS PCI 10/100</a> , MMF SC; 25 pack; 25 cards plus 1 set of documentation & drivers.	7.118

### Y.3. FDDI

DEFPA-AB	PCI - SAS, MMF, SC.	1.255
DEFPA-DB	PCI - DAS, MMF, SC.	1.780
DEFPA-MB	PCI - DAS, UTP, RJ45.	1.045
DEFPA-UB	PCI - SAS, UTP, RJ45.	730

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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\$

[Transceivers / Media Converters / Adapters / Connectors / Couplings \(Extra part numbers in Wiring Pricefile\)](#)

**Z.1. Transceivers**

H4005-00	802.3 / Ethernet.	253
ST500-01	802.3, nonintrusive tap, with LANVIEW.	131
ST500-03	802.3, BNC tap, with LANVIEW.	137
TMS-3	Thin wire, with limited LANVIEW.	188
FOT-DF24	Fiber optic, redundant, 2 ST connectors.	308
FOT-F24	Fibre optic, MMF ST connectors, with 12" AUI.	168
FOT-F3	Fiber optic, SMF ST connector.	396
TPT	Mini, 10Base-T twisted pair.	82
TPT-4	Mini, 10Base-T twisted pair, with AUI cable.	92
TPT-D4	Mini, redundant, 10Base-T twisted pair, with AUI cable.	270
WB-500	Wall mount bracket.	11

**Z.2. Adapters**

6380043	<b>Adapter</b> - Unshielded RJ-45 Jack to IBM MIC (258A/568B).	33,11
H3104-	<b>Adapter</b> - 36 pin to 8 6 pin DEC modified jacks.	33,60
6380286	<b>Adapter, Telco</b> - 10 Degree Weir, 10Base-T Only.	13,52
TELCO-EXT	<b>Adapter, Telco</b> - 4 RJ21 (Telco) Port Extender Accuracy Kit. Allows multiple right-angle RJ21 cables to be used on the same device.	68,25

**Z.3. Media Converters - Ethernet & Fast Ethernet**

DETPM-AA	<b>Ethernet</b> - AUI to MJ-8 twisted pair.	124
DECM-AA	<b>Ethernet</b> - AUI to BNC, thin wire.	145
DEFLM-AA	<b>Ethernet</b> - AUI to fibre.	388
CTP100-T	<b>Ethernet</b> - twisted pair to coax.	166
TPFOT-2	<b>Ethernet</b> - twisted pair to fiber, ST.	224
EMC38-12	<b>Ethernet</b> - 12 Ports, twisted pair to fiber optic.	2.266
FEMC32-12	<b>Fast Ethernet</b> - telco to 12 RJ45 ports, category 5 compliant.	150
DC-POWER-PACK	DC power supply for media converters.	140

**Z.4. Media Converters - Token Ring**

TRMF-2	Media filter, 4/16Mb.	47
TRMF	Media filter with LANVIEW, 4/16Mb.	84
TRFOT-2	Lobe converter and extender, Fiber to STP, MMF.	354



PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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**\$**

TRFOT-3	Lobe converter and extender, Fiber to STP, SMF.	580
MCC-16	Conversion chassis - 16 slot, rack mountable; dual power slots.	1.151
MCC-D2PM	Module for <u>MCC-16</u> - 4 UTP/STP RJ45 lobe ports.	861
MCC-CRIO	Module for <u>MCC-16</u> - 2 RJ45 RI/RO ports, 2 RJ45 lobe ports.	861
MCC-DFL	Module for <u>MCC-16</u> - converts 2 copper RJ45 UTP/STP ports to 2 MMF ST connectors ports.	1.267
MCC-FRIO	Module for <u>MCC-16</u> - 2 UTP/STP RJ45 lobe ports, 2 MMF RI/RO ports ST connectors.	1.093
MCC-PS	Power supply for <u>MCC-16</u> , 150 watt, 2 required for redundancy.	804

### Z.5. Connectors - Ethernet

EPIM-A	<b>AUI</b> - 10Base5 coax, DB-15, female.	107
EPIM-X	<b>AUI</b> - 10Base5 coax, DB-15, male.	113
EPIM-T	<b>RJ45</b> - 10BaseT UTP/STP.	142
EPIM-C	<b>BNC</b> - 10Base2 coax.	150
EPIM-F2	<b>ST</b> - MMF, 10BaseFL.	275
EPIM-F3	<b>ST</b> - 802.3 SMF.	364

### Z.6. Connectors - Token Ring

TPIM-T2	<b>RJ45</b> - UTP, 100 OHM Impedance.	128
TPIM-T4	<b>RJ45</b> - STP, shielded, 150 OHM Impedance.	128
TPIM-T1	<b>DB9</b> - STP, 150 OHM Impedance.	128
TPIM-F2	<b>ST</b> - MMF.	338
TPIM-F3	<b>ST</b> - SMF.	402

### Z.7. Couplings - Fibre

6700006	<b>MMF</b> - ST to ST Barrel (Jack-Jack).	7,77
6700087	<b>SMF</b> - ST to ST Ceramic Barrel.	27,33
6700081	Duplex SC to SC Barrel.	54,86
6700082	Simplex SC to ST Barrel.	33,32
6700083	Duplex SC to ST Barrel.	57,94
6700084	FDDI to FDDI Barrel.	44,18
6700086	FDDI to ST Barrel.	38,99
9990012	MOD-MOD Coupling, CAT 3.	4,99

## AA. SmartVoice Family - VOIP

### AA.1. Chassis

Cabletron Systems Ltd. **Confidential** (KVdE0899)

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
020165-001-INT	SmartVoice Gateway 2000 - 2 slot chassis, dual power supply.	503
020166-002-INT	SmartVoice Gateway 2500 - 4 slot chassis, dual power supply.	936
020167-002-INT	SmartVoice Gateway 4000 - 8 slot chassis, dual AC 150W power supply.	2.415
020168-001-INT	SmartVoice Gateway 6000 - 16 slot chassis, dual AC 300W power supply.	4.931
920012-003-INT	SmartVoice Gateway 4000 - rack mount kit, 19"-23". RACK MT KITS 19"-23"	115
920012-002-INT	SmartVoice Gateway 6000 - rack mount kit, 19"-23". RACK MT KITS 19"-23"	115

### AA.2. Ethernet

030020-001-INT	LET61 - router for branch applications.	1.208
030020-004-INT	LET61B - bus extension.	1.208
030020-005-INT	LET61V - router card for VOIP.	1.912
020066-001-INT	Cables LEC01 - transceiver, DB25, thin NT, use with <u>LET61</u> .	230
030195-001-INT	LET63 - router <u>CID63</u> prt processor IP/SRB only.	403
020115-001-INT	ETH-16 - 16 port, UTP, stln hb stackable.	1.898

### AA.3. Token Ring

030023-005-INT	LTR61 - router for branch applications.	2.314
030023-007-INT	LTR61B - bus extension.	2.314
030213-001-INT	LTR63 - router <u>CID63</u> pt processor IP/SRB only.	604
020114-001-INT	TR-16 - 16 port, UTP, stln hb/MAU, stackable.	3.393
810016-001-INT	Cables TYPE TR - DB25 male to token ring IBM connection, shielded.	98
810075-001-INT	Cables TYPE TR1 - DB9 male to AMP token ring (IEN 1000).	79

### AA.4. WAN

030005-007-INT	CIX61 - X.21, version of <u>CID61</u> .	1.711
030263-004-INT	DVF48-8 - 8 channel, V/F compression module for <u>CID61</u> .	2.214
810025-001-INT	Cables TYPE YA - DB25 male to 3 DB25 female use with <u>CID61</u> .	144
810083-001-INT	Cables TYPE 2VE - DB25 male to 2 DB25 DTE female use with <u>CID61</u> DL.	144
030092-004-INT	ITA01-T1/E1 - CSU module <u>CID61</u> port processor.	1.107
030146-001-INT	CID63 - 2 channel, USR with NTFC PT processor, U/1 MbT memory.	1.208
030146-008-INT	CID63-BF - 2 channel, USR with NTFC PT processor, U/4 MbT memory.	1.308
030146-006-INT	CID63-2M - 2 channel, with NTFC PT processor, U/4 MbT memory.	1.409
030149-001-INT	CIR01 - single RS232C/V.24 module <u>CID63</u> prt.	50
030149-003-INT	CIR02 - RS232C/V.24 module <u>CID63</u> pt processor with V.54.	50
030148-002-INT	CIV01 - single V.35 I/O module <u>CID63</u> prt processor.	81

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
030258-002-INT	CIX01 - X.21 module for <u>CID63</u> .	81
810181-001-INT	Cables TYPE X21 - X.21 interface cable for <u>CIX61/CIX01</u> .	69
030113-001-INT	HDM14 - V32 BS 14.4 modem module, <u>CID63</u> prt processor.	564
030113-002-INT	HDM28 - V.34 28.8 modem module, 2/4 wire, prt processor.	644
030154-007-INT	PCM14-E1 - V.32 BIS 14.4 modem module, <u>CID63</u> card.	564
030198-002-INT	PCM24-E1 - V.22 BS 2400 bps, PCME-1 module card.	564
030154-010-INT	PCM28-E1 - V.34 28.8 LBPS, modem module, 2/4 wire card.	644
030117-002-INT	ISD01-U - ISDN basic rate, NTRF module <u>CID63</u> pt.	584
030117-001-INT	ISD01-ST - ISDN basic rate, NTF module <u>CID63</u> pt processor.	584
030233-001-INT	MEM63-1 - 1Mb memroy module, <u>CID63</u> prt processor.	382
030233-002-INT	MEM63-4 - 4Mb memory module <u>CID63</u> prt processor.	564
810117-001-INT	Cables TYPE Y(63) - DB25 male to 2 DB25 female use with <u>CID63</u> .	144
030322-001-INT	CID71 - WAN interface, serial card.	1.711
030321-002-INT	DTC12-E1 - 4 wire, E1 interface.	2.013
030118-001-INT	DSU01 - integral 56/64 Kbps DSU.	604
030194-001-INT	DSU63 - 56/64 Kbps module prt processor, FR, HDLC only.	604

### AA.5. Cables

810009-001-INT	TYPE A - DB25 male to DB25 male.	40
810009-003-INT	TYPE AV54 - DB24M to DB25 or V.54.	46
810132-001-INT	TYPE ALG-2W - DB25 male to 4 RJ11 females.	69
810132-002-INT	TYPE ALG-4W - DB25 male to 2 RJ45 females.	69
810142-001-INT	TYPE ALG-PD - DB25 male to 8-pair.	58
810142-004-INT	TYPE ALG-PD2W - DB25 male to 4 punchdown.	58
810142-003-INT	TYPE ALG-PD2WE - DB25 male to 4 punchdown.	58
810142-002-INT	TYPE ALG-PD4W - DB25 male to 2 punchdown.	58
810011-001-INT	TYPE C - DB25M to DCE to DB25F DTE.	40
810012-001-INT	TYPE D - DB25M to DCE to DB25F DTE.	40
810127-001-INT	TYPE D6 - DB25M to DCE to DB25F DTE.	40
810024-002-INT	TYPE DDS - RJ11 male to RJ45 male.	23
810171-001-INT	TYPE DX - DB25M DCE to DB25F DTE.	40
810178-001-INT	TYPE E1 UTP-COAX - RJ11 male to DB25 female.	23
810130-001-INT	TYPE HB2 - bus extension.	98

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
810130-002-INT	TYPE HB3 - bus extension.	98
040024-001-INT	TYPE IEEE - bus terminal for use with <u>Type B</u> cables.	23
810111-001-INT	TYPE ISDN - RJ11 male to RJ45 female, 10 feet.	17
020066-002-INT	TYPE LE1 - E-1, G703, coax adaptor for <u>DTC11-E1</u> .	230
810014-001-INT	TYPE M - DB25M to DB9F, PC to IEN.	40
810015-001-INT	TYPE P - DB25M to DB9F.	40
810004-001-INT	TYPE RJ11 - black RJ11 to RJ11 black, 6 feet.	17
810156-001-INT	TYPE RS-STR-MF - DB25M to DB25F, RS232.	40
810123-001-INT	TYPE T(63) - RJ11M to 2 RJ11F TELCO.	23
810035-001-INT	TYPE T1 - DB25M with slidelock to RJ11M.	23
810126-001-INT	TYPE T1-15-XF - RJ11M to DB15F.	23
810074-001-INT	TYPE T1-45-M - RJ11M to RJ45M.	23
810177-001-INT	TYPE T1-45-F - RJ11M to RJ45F.	23
810128-001-INT	TYPE T1-45-XF - RJ11M to RJ45F.	23
810099-001-INT	TYPE T1K - DB15 male to RJ11 male.	23
810099-002-INT	TYPE T1K-SL - DB15 M with slidelocks to RJ11.	23
810017-002-INT	TYPE UET - RJ11 male to RJ45 male.	17
810161-001-INT	TYPE UET - cross RJ11 male to RJ11 male.	17
810049-003-INT	TYPE UTR-45F - RJ11 male to RJ45 female.	23
810049-002-INT	TYPE UTR-45M - 6 pin male to 8 pin mod.	23
810018-001-INT	TYPE V - DB25 male to V.35 male.	98
810019-001-INT	TYPE VF - DB25 male to V.35 female.	98
810129-001-INT	TYPE VM - DB25 male to V.35 male, RS232.	98
810020-002-INT	TYPE VNN - IEN back to back communication cable.	173
8100050-002-INT	TYPE VX - DB25 male to V.35 female.	98
810021-001-INT	TYPE Y - DB25 male to 3 DB25 female.	144

### AA.6. Miscellaneous

030042-017-INT	DLA14HR - 4 port, voice prt processor.	1.409
030042-018-INT	DLA14HR - 4 port, voice prt processor.	1.409
030265-001-INT	DLA64-FXS - 4 channel analog V/F interface.	1.932
030265-002-INT	DLA64-FXO - 4 channel analog V/F interface.	1.932
030265-003-INT	DLA65-FX0 - 4 channel analog V/F interface	2.208

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
030265-004-INT	<b>DLA65-FXS</b> - 4 channel analog V/F interface	2.208
020091-001-INT	<b>DES10</b> standard DES encryption.	748
030033-002-INT	<b>DLZ10</b> - LEMPEL/ZIV data compression.	403
030275-002-INT	<b>MFR48-8</b> - 8 channel, voice/FX compression.	2.214
050082-009-INT	<b>Manual</b> - CD, Network Systems Manuals.	173

### AA.7. Services

IENVIEW1-LET-IN	<b>Network Management Software</b> - IENView1-LET.	6.325
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## AB. Firewall Products (Service is required with purchase of these products)

### AB.1. IP330

BB2330	<b>IP330</b> - Base System, LAN.	5.198
BB2331	<b>IP330</b> - Base system, Includes integral standard analog modem.	5.245
MP2300	<b>IP300</b> Series Installation Guide.	26

### AB.2. IP400 Family

BB1003	<b>IP440</b> base system bundle - 64MB RAM, pre-installed Nokia routing & system software, target firewall throughput of 98Mbps.	10.490
IM1256	<b>IP400</b> family - 256MB DIMM upgrade kit (replaces factory installed 64MB DIMM).	2.940
IY1083	Hard drive redundancy kit for <u>IP440</u> and <u>IP410</u> .	1.575
MP1003	<b>IP400</b> Series Installation Guide.	26

### AB.3. IP650

BB2650	<b>IP650</b> base system - 64MB RAM, 1 CPCI hard drive, 5 CPCI NIC slots, NO DES hooks, exportable 40bit FWZ only, Nokia routing & system software, documentation.	17.845
1Z0650	Redundant power supply.	1.995
CZ3018	Power kit - <u>France/Germany</u> .	26
CZ3020	Power kit - <u>UK</u> .	26
IM2256	<b>IP650</b> - 256MB DIMM memory upgrade.	2.940
MS2600	<b>IP600</b> Series Installation Guide.	26

### AB.4. VPN

RZ1002	<b>DES</b> Encryption option - needed with <u>RL2101</u> , <u>RL2201</u> , <u>RL2301</u> .	0
RZ1001	Worldwide Encryption (default) Requires additional line item.	0
RZ1003	Worldwide Encryption (default) Requires additional line item.	0

### AB.5. Interface Cards

IF5502	<b>ATM</b> 155 Mbps PCI - MMF.	1.271
IF1101	<b>Fast Ethernet</b> PCI - single port.	368
IF1104	<b>Fast Ethernet</b> PCI - 4 port.	1.470

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
IF4001	<b>Fast Ethernet</b> CPCI - 4 port.	3.150
IF4006	<b>Token Ring</b> CPCI Interface Card	1.995
IF4007	Dual Port V.35 CPCI Interface Card	2.415
IF4008	Dual Port X.21 CPCI Interface Card	2.415
IF2001	<b>FDDI</b> PCI - DAS.	1.995
IF1106	<b>HSSI</b> PCI - 1 port (requires CB0303 cable).	6.300
IF4005	<b>HSSI</b> - 1 port, (requires HSSI cable).	6.300
IF3019	<b>Serial</b> PCI - 1 port, V.35, (requires CB0301 cable).	1.045
IF3021	<b>Serial</b> PCI - 2 ports, V.35.	1.575
IF4102	<b>Serial</b> - 1 port, V.35 (requires CB0301 cable).	1.045
IF4002	<b>Serial</b> CPCI - 1 port (requires V.35 serial cable).	2.205
IF3020	<b>Serial</b> PCI - 1 port, X.21, (requires CB0302 cable).	1.045
IF3022	<b>Serial</b> PCI - 2 ports, X.21.	1.575
IF4003	<b>Serial</b> CPCI - 1 port, X.21 (requires CB0302 cable).	2.205
IF4101	<b>Serial</b> - 1 port, X.21 (requires CB0302 cable).	1.045

### AB.6. Firewall / Management Console / Software

CPVP-VEE-U-40B	Complete <b>Management Console</b> - 40bit encryption, exportable.	20.995
CPVP-VEE-U-FWZ1	Complete <b>Management Console</b> - FWZ1 encryption, exportable.	20.995
CPVP-VFM-U-40B	<b>VPN</b> Encryption Module and Firewall Module, 40bit exportable Unlimited, V4.0	9.970
CPVP-VFM-U-FWZ1	<b>FWZ1</b> , version 4.	9.970
CPFWE-ENC-U-FWZ1	<b>FWZ</b> - exportable unlimited license for encryption module.	4.195
IP440-A-L-INT	<b>Firewall</b> add-on, LAN only - 333Mhz includes 4 port 10/100 Fast Ethernet card, unlimited FireWall-1 license, exportable FWZ-1 encryption.	21.956
IP440-A-LW-INT	<b>Firewall</b> add-on, LAN & WAN - 333Mhz includes 1 4 port 10/100 Fast Ethernet card, 2 port X.21 card, unlimited FireWall-1 license, exportable FWZ-1 encryption.	23.741
IP440-P-L-INT	<b>Firewall</b> , primary, LAN only - 333Mhz includes 4 port 10/100 Fast Ethernet card, unlimited FireWall-1 license, exportable FWZ-1 encryption.	32.981
IP440-P-LW-INT	<b>Firewall</b> primary, LAN & WAN - 333Mhz includes 1 4 port 10/100 Fast Ethernet card, 2 port X.21 card, unlimited FireWall-1 license, exportable FWZ-1 encryption.	34.766
IS1710	<b>IGRP</b> - support software.	2.625
IS1905	<b>BGP</b> - support software, Level-1.	4.200
IS1916	<b>BGP</b> - support software, Level-2 bundle for <u>IP440</u> & <u>IP410</u> systems - includes IS1910-BGP support software, Level-2 & 256Mb RAM.	10.500
IS1929	<b>BGP</b> level 2 support software bundle, includes level 2 software and 256MB.	10.500
MS2000	IPSO software release pack - worldwide encryption (V4.0).	53
MS2001	IPSO software release pack - controled encryption (V4.0).	53
PS4110	CPFWE-DOCS-V40, documentation for CP SW-V40.	41

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
PS4114	CPFW-FM-25-V40 FWL-1 Module for 25 IP Addresses.	2.095
PS4115	CPFW-EPC-U-V40 FWL-1 Enterprise Center.	19.940
PS4122	CPFW-FIG-25-V40 FWL-1 Internet Gateway for 25 IP Addresses.	3.145
PS4123	CPFW-FIG-50-V40 Firewall Internet Gateway for 50 IP addresses.	5.245
PS4124	CPFW-FIG-100-V40 Firewall Internet Gateway for 100 IP addresses.	8.395
PS4151	CPVP-VES-U-DES-V40 VPN-1 Enterprise Security Center.	26.245
PS4157	CPFW-ENC-U-DES-V40 FWL-1 Encryption Module for Unlimited IP Addresses.	4.195
PS4160	CPFW-EVAL-DES-V40, evaluation kit for 1 DES.	20
PS4166	CPVP-VEE-U-DES-V40 VPN-1 Enterprise Encryption Center.	20.995
PS4174	CPFW-IM-1-V40 FWL-1 Host Inspection Module.	520
PS4175	CPFW-EVAL-3DES-V40, evaluation kit for triple DES.	20
PS4177	CPFW-FM-100-V40.	5.245
PS4178	CPFW-FM-250-V40.	6.295
PS4179	CPFW-ENC-25-3DES-V40 FWL-1 Encryption Module for 25 IP Addresses.	1.045
PS4180	CPFW-ENC-50-3DES-V40 FWL-1 Encryption Module for 50 IP Addresses.	1.570
PS4181	CPFW-ENC-100-3DES-V40.	2.095
PS4182	CPFW-ENC-250-3DES-V40.	3.145
PS4183	CPFW-ENC-U-3DES-V40 FWL-1 Encryption Module for Unlimited IP Addresses.	4.195
PS4184	CPFW-ENC-25-DES-V40 FWL-1 Encryption Module for 25 IP Addresses.	1.045
PS4185	CPFW-ENC-50-DES-V40 FWL-1 Encryption Module for 50 IP Addresses.	1.570
PS4186	CPFW-ENC-100-DES-V40 FWL-1 Encryption Module for 100 IP Addresses.	2.095
PS4187	CPFW-ENC-250-DES-V40 FWL-1 Encryption Module for 250 IP Addresses.	3.145
PS4198	CPVP-VEE-U-3DES-V40 VPN-1 Enterprise Encryption Center.	20.995
PS4210	CPVP-VIG-25-3DES-V40 VPN-1 Internet Gateway for 25 IP addresses.	3.670
PS4213	CPVP-VIG-250-3DES-V40 VPN-1 Internet Gateway, 250 IP addresses.	11.545
PS4214	CPVP-VIG-25-DES-V40 VPN-1 Internet Gateway for 25 IP Addresses.	3.670
PS4215	CPVP-VIG-50-DES-V40 VPN-1 Internet Gateway for 50 IP Addresses.	5.770
PS4216	CPVP-VIG-100-DES-V40 VPN-1 Internet Gateway for 100 IP Addresses.	8.920
PS4217	CPVP-VIG-250-DES-V40 VPN-1 Internet Gateway for 250 IP Addresses.	11.545
PS4230	CPVP-VES-U-3DES-V40 VPN-1 Enterprise Security Center.	26.245
PS4240	CPVP-VIM-1-3DES-V40 VPN-2 Host Inspection Module.	940
PS4241	CPVP-VIM-1-DES-V40 VPN-2 Host Inspection Module.	940

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
PS4260	CPVP-VFM-25-3DES-V40 VPN-1 Module for 25 IP Addresses.	2.620
PS4261	CPVP-VFM-50-3DES-V40 VPN-1 Module for 50 IP Addresses.	4.720
PS4262	CPVP-VFM-100-3DES-V40 VPN-1 Module for 100 IP Addresses.	6.295
PS4263	CPVP-VFM-250-3DES-V40 VPN-1 Module for 250 IP Addresses.	7.870
PS4264	CPVP-VFM-U-3DES-V40 VPN-1 Module for Unlimited IP Addresses.	9.970
PS4265	CPVP-VFM-25-DES-V40 VPN-1 Module for 25 IP Addresses.	2.620
PS4266	CPVP-VFM-50-DES-V40 VPN-1 Module for 50 IP Addresses.	4.720
PS4267	CPVP-VFM-100-DES-V40 VPN-1 Module for 100 IP Addresses.	6.295
PS4268	CPVP-VFM-250-DES-V40 VPN-1 Module for 250 IP Addresses.	7.870
PS4269	CPVP-VFM-U-DES-V40 VPN-1 Module for Unlimited IP Addresses.	9.970
PS4280	CPVP-VSR-50-V40 SecuRemote for 50 Users.	0
PS4281	CPVP-VSR-100-V40 SecuRemote for 100 Users.	0
PS4284	CPVP-VSR-1000-V40 SecuRemote for 1000 Users.	0
PS4285	CPVP-VSR-5000-V40 SecuRemote for 5000 Users.	0
PS4290	CPFWM-AM-250-V40 Account Mgmt Module for 25-150 IP Addresses.	2.095
TC1001	Nokia Security Administration Training.	2.100
MI1000	IPSO Technical Reference Guide - Bound Copy of Online Configuration Manual.	105

### AB.7. Accessories

CB0301	<b>Cable</b> - Serial, 2 meters, V.35 DTE Male (a).	105
CB0302	<b>Cable</b> - Serial, 2 Meters, X.21 DTE Male.	105
CB0303	<b>Cable</b> - HSSI Serial, DB60m to DB50m, straight.	158

### AC. VLAN Manager

SFVLAN-01NT	Standalone <b>VLAN Manager</b> SERVER - Microsoft Windows NT (CDROM).	5.245
SFVLAN-01SOL	Standalone <b>VLAN Manager</b> SERVER - Sun Solaris (CDROM).	5.245
QVLS-01-NT	<b>Vlan Manager</b> Server for the 2000/6000 1st & 2nd generation modules. This management works with 3.05.07+ of 2nd gen and 4.08.09+ of 1st gen. (NT Platform)	5.245
QVLS-01-SOL	<b>Vlan Manager</b> Server for the 2000/6000 1st & 2nd generation modules. This management works with 3.05.07+ of 2nd gen and 4.08.09+ of 1st gen. (Solaris Platform)	5.245
SFVLAN-02NT	Standalone <b>VLAN Manager</b> CLIENT - Microsoft Windows NT (CDROM).	1.045
SFVLAN-02SOL	Standalone <b>VLAN Manager</b> CLIENT - Sun Solaris (CDROM).	1.045
QVLC-01-NT	<b>Vlan Manager</b> Client for the 2000/6000 1st & 2nd generation modules. This management works with 3.05.07+ of "nd gen and 4.08.09+ of 1st gen. (NT platform)	1.045
QVLC-01-SOL	<b>Vlan Manager</b> Client for the 2000/6000 1st & 2nd generation modules. This management works with 3.05.07+ of "nd gen and 4.08.09+ of 1st gen. (Solaris platform)	1.045
SFVLAN-10NT	<b>VLAN Manager Bundle</b> for Windows NT (CDROM) - 10 VLAN Manager Clients, VLAN Manager Server, VLAN Manager SPECTRUM Integration, SmartSwitch firmware, SecureFast documentation.	10.495
SFVLAN-10SOL	<b>VLAN Manager Bundle</b> for Sun Solaris (CDROM) - 10 VLAN Manager Clients, VLAN Manager Server, VLAN Manager SPECTRUM Integration, SmartSwitch firmware, SecureFast documentation.	10.495

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
SFVLAN-DOC	SecureFast Documentation - Installation Guide, Users Guide, Release Notes.	53
SFVRA-SNT	SecureFast VRA Manager Server - replaced by <b>Spectrum Connection Services Manager</b> .	5.245

## AD. SPMA & SPEL Products

### AD.1. Spectrum Portable Management Applications (SPMA) - Core Options

SPMA-AHP	SPMA Standalone on <b>HPUX</b> .	9.445
SPMA-AHP-UG	SPMA Standalone on <b>HPUX</b> - version 3.2 upgrade.	4.195
SPMA-HHP	SPMA for <b>HP Open View</b> on <b>HPUX</b> .	9.445
SPMA-HHP-UG	SPMA for <b>HP Open View</b> on <b>HPUX</b> - version 3.2 upgrade.	4.195
SPMA-AIBM	SPMA Standalone on <b>IBM</b> .	9.445
SPMA-AIBM-UG	SPMA Standalone on <b>IBM</b> - version 3.2 upgrade.	4.195
SPMA-ASOL	SPMA Standalone on <b>Solaris</b> .	9.445
SPMA-ASOL-UG	SPMA Standalone on <b>Solaris</b> - version 3.2 upgrade.	4.195
SPMA-HSOL-UG	SPMA for <b>HP Open View</b> on <b>Solaris</b> - version 3.2 upgrade.	4.195
SPMA-LSOL	SPMA for Solstice Enterprise Manager on <b>Solaris</b> .	9.445
SPMA-LSOL-UG	SPMA for Solstice Enterprise Manager on <b>Solaris</b> - version 3.2 upgrade.	4.195
SPMA-NIBM	SPMA for <b>IBM NetView</b> on <b>AIX</b> .	9.445
SPMA-NIBM-UG	SPMA for <b>IBM NetView</b> on <b>AIX</b> - version 3.2 upgrade.	4.195
SPMA-SSOL	SPMA for <b>SunNet Manager</b> on <b>Solaris</b> .	9.445
SPMA-SSOL-UG	SPMA for <b>SunNet Manager</b> on <b>Solaris</b> - version 3.2 upgrade.	4.195

### AD.2. Spectrum Element Manager for Windows (SPEL)

SPEL-MGR	<b>SPECTRUM Element Manager</b> - V2.x supported on Windows 95 & NT 4.0.	5.245
SPEL-UGKIT	<b>SPECTRUM Element Manager</b> - Upgrade to V2.x from V1.03, for customers without maintenance contracts.	1.575
SPEL-EVAL	<b>SPECTRUM Element Manager</b> - 2.1 for Windows Evaluation CD.	0

## AE. clearVISN

QM-5M2AA-BA	<b>clearVISN - Fault Policy Manager</b> MUL, SYS, 1 licence	1.570
QM-5M2AA-BB	<b>clearVISN - Fault Policy Manager</b> MUL, upgrade, 1 licence	252
QM-0MWAA-BA	<b>clearVISN - MultiChassis Manager</b> MUL, SYS, 1 licence	2.830
QM-MODAA-BA	<b>clearVISN - MultiChassis Manager</b> MUL, SYS, 1 licence	1.045
QM-0MWAA-BB	<b>clearVISN - MultiChassis Manager</b> MUL, upgrade, 1 licence	452
QM-MODAA-BB	<b>clearVISN - MultiChassis Manager</b> MUL, upgrade, 1 licence	168
QM-4YJAA-BA	<b>clearVISN - Recovery Manager</b> MUL, SYS, 1 licence	520
QM-4YJAA-BB	<b>clearVISN - Recovery Manager</b> MUL, upgrade, 1 licence	84

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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QM-4YGAA-BA	clearVISN - STACK Manager MUL, SYS, 1 licence	520
QM-4YGAA-BB	clearVISN - STACK Manager MUL, upgrade, 1 licence	84
QM-4YFAA-BA	clearVISN - VLAN Manager MUL, SYS, 1 licence	1.570
QM-4YFAA-BB	clearVISN - VLAN Manager MUL, upgrade, 1 licence	252
QA-5FVAB-H8	clearVISN all products, Windows 95 & NT, CDROM package	104
QB-5MUAA-WA	clearVISN - Workgroup MUL, licence, CDROM package	992
QB-5QMAA-WA	clearVISN - Site MUL, licence, CDROM package	3.670
QM-62KAA-BA	clearVISN - TPM MUL, licence	2.095
QB-62KAA-WA	clearVISN - TPM MUL, licence, CDROM package	2.147
QA-217AA-H8	PROBEwatch, U/A, CDROM, package	162

**AF.                      Miscellaneous Software**

QB-55FAA-SA	Rem Acc Sec ALL, licence, CDROM package	315
QA-55FAA-GZ	Rem Acc Sec ALL, documentation kit	27
QB-5LHAA-WA	Distributed routing multiprotocol, licence, CDROM package	3.250
QB-5LHAA-WB	Distributed routing multiprotocol, upgrade, CDROM package	692
QA-51LAA-G8	Netw Prod MUL documentation CDROM kit	105

**AG.                      Software Upgrade Kits**

ESXMIM-FL-UGK	ESXMIM Image Disk	230
IRM3-UGKITFLASH	IRM3 Image Disk	230

**AH.                      Third Party Products**

**AH.1.    ATM (FORE)**

NM-4/155UTP5LC	4 ports, 155 Mbps UTP (4.1), D Series, for the 9A000 and SFCS-1000.	3.145
SCP-ASXHA-16	Spare Switch Control Processor for the SFCS-200BX, SFCS-1000 and 9A000; Includes i960 HA processor and 16 MB of DRAM.	4.995
SCP-ASXHA-32-I	Spare Switch Control Processor for the SFCS-2000BX or SFCS-1000; Includes i960 HA processor and 32 MB of DRAM.	7.995
SCP-ASXHA-32-UPG	32 MB Memory Upgrade Kit for the Switch Control Processor (on the SFCS-200BX or SFCS-1000).	3.000
VMA200E/OC3SCSG	ATM Adapter Card for VME Bus, 155 Mbps multimode fiber with SC connectors for SGI computers.	2.195
VMA200E/OC3STSG	ATM Adapter Card for VME Bus, 155 Mbps multimode fiber with ST connectors for SGI computers.	2.195
VMA200E/UTP5SG	VME Bus ATM Adapter Card, 155 Mbps Category 5 UTP with RJ-45 connector.	1.995

**AH.2.    Uninterruptable Power Supply (APC)**

SMARTCELL	Additional Smartcell battery for the MX5000 and the MX3000.	683
SMARTCELLXRW	Single cabinet containing 4 battery packs for extended runtime	1.902
SU1400RMINET	Rackmount UPS for internetworking equipment and servers	1.549
SU1400RMNET	Uninterruptable power supply with software.	1.133
SU1400RMXLINET	Rackmount UPS for internetworking equipment and servers	2.154

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PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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**\$**

SU2200RMXLINET	For rackmount servers, hubs, PBX and other rackmount equipment	2.928
SU2200RMXLINET	Uninterruptable power supply with software.	2.730
SU2200XLINET	Extended Run Smart-UPS 2000	2.424
SU3000RMINET	230V rackmount SU height.	3.153
SU48BP	Battery pack.	420
SU700RMINET	700 VA 220V rackmount UPS with software.	744

### AH.3. Media Products (Lancast)

6224	<b>Fast Ethernet Micro Transceiver</b> - RJ45 & MII.	181
1110-01	<b>Ethernet Adaptor</b> - PCI, RJ45/BNC.	32
1110-03	<b>Ethernet Adaptor</b> - PCI, MMF SC.	166
1110-05	<b>Ethernet Adaptor</b> - PCI, MMF ST.	166
1111-00	<b>Ethernet Adaptor</b> - ISA, UTP/BNC/AUI.	35
1111-00-06	<b>Ethernet Adaptor</b> - ISA, UTP/BNC/AUI, 6 pack.	206
1111-00-20	<b>Ethernet Adaptor</b> - ISA, UTP/BNC/AUI, 20 pack.	675
1111-00-50	<b>Ethernet Adaptor</b> - ISA, UTP/BNC/AUI, 50 pack.	1.661
1111-01	<b>Ethernet Adaptor</b> - ISA, UTP.	37
1111-01-06	<b>Ethernet Adaptor</b> - ISA, UTP, 6 pack.	219
1111-01-20	<b>Ethernet Adaptor</b> - ISA, UTP, 20 pack.	718
1111-01-50	<b>Ethernet Adaptor</b> - ISA, UTP, 50 pack.	1.768
1120-01	<b>Fast Ethernet Adaptor</b> - PCI, TX.	42
1120-01-06	<b>Fast Ethernet Adaptor</b> - PCI, TX, 6 pack.	245
1120-01-20	<b>Fast Ethernet Adaptor</b> - PCI, TX, 20 pack.	804
1130-03	<b>Fast Ethernet Adaptor</b> - PCI, MMF SC.	274
1130-05	<b>Fast Ethernet Adaptor</b> - PCI, MMF ST.	274
1130-06	<b>Fast Ethernet Adaptor</b> - PCI, SMF SC.	1.040
16-4368-01	<b>4368 Chassis <u>16-Slot</u></b> - 2U height, single power supply.	268
16-4368-02	<b>4368 Chassis <u>16-Slot</u></b> - 2U height, dual power supply.	396
2111-12-01	<b>Ethernet twister</b> - TP to BNC 10BaseT 129 96.75.	135
2111-13-01	<b>Ethernet twister</b> - TP to FL MMF SC 10BT 179 137.10.	188
2111-15-01	<b>Ethernet twister</b> - TP to FL MMF ST	188
2111-16-01	<b>Ethernet twister</b> - TP to FL SMF ST 489 367.	513
2111-18-01	<b>Ethernet twister</b> - TP to FL MMF SMA 279 210.	293

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
2131-13-01	Fast Ethernet twister - TX to FX MMF SC media converter.	366
2131-14-01	Fast Ethernet twister - TX to FX SMF SC media converter.	681
2131-15-01	Fast Ethernet twister - TX to FX MMF ST media converter.	366
2131-16-01	Fast Ethernet twister - TX to FX SMF ST media converter.	996
2131-17-01	Fast Ethernet twister - TX to FX SMF SC media converter, 40Km standalone.	996
2131-1A-01	Fast Ethernet twister - TX to SX MMF SC media converter.	461
2131-1A-75	Fast Ethernet media converter - manageable, TX to SX MMF SC 399 299.25.	419
2131-1B-01	Fast Ethernet twister - TX to SX MMF ST media converter.	461
2131-34-01	Fast Ethernet media converter - FX MMF SC to FX SMF SC \$829 622.	870
2131-36-01	Fast Ethernet media converter - FX MMF SC to FX SMF ST \$1049 787.	1.101
2131-54-01	Fast Ethernet media converter - FX MMF ST to FX SMF SC 829 622.	870
2131-56-01	Fast Ethernet media converter - FX MMF ST to FX SMF ST 1049 787.	1.101
2731-11-01	Fast Ethernet twister - TX to Dual TX.	524
2731-13-01	Fast Ethernet twister - TX to Dual TX.	734
2731-14-01	Fast Ethernet media converter - TX to Dual FX SMF SC.	1.574
2731-15-01	Fast Ethernet media converter - TX to Dual FX MMF ST.	734
3500-RM	3508, 3512 - rack mount ears kit.	31
3512-01	Fast Ethernet Switch - 12-Port, TP 10/100Mbps auto sensing, unmanaged.	1.072
4318-13-2	Ethernet Media Converter - MMF ST to BNC, european power supply.	289
4318-13-3	Ethernet Media Converter - MMF ST to BNC, european power supply.	289
4318-45-0	Ethernet Media Converter - STP to AUI, NO power supply.	192
4318-45-2	Ethernet Media Converter - STP to AUI, european power supply.	192
4318-45-3	Ethernet Media Converter - STP to AUI, UK power supply.	192
4318-73	Ethernet Media Converter - RJ45 to BNC, 110/240 power supply.	149
4318-74	Ethernet Media Converter - MMF ST to RJ45, 110/240 power supply.	246
4318-PS	4318 Media Converters - replacement power supply, external 5V DC, universal desktop.	63
4320-11	Ethernet MicroTransceiver - STP.	42
4321-11	Ethernet MicroTransceiver - BNC.	42
4322-11	Ethernet MicroTransceiver - MMF ST.	128
4322-21	Ethernet MicroTransceiver - MMF SMA.	214
4322-31	Ethernet MicroTransceiver - SMF ST.	407
4368-13	4368 Ethernet Module - MMF ST to BNC.	407

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
		<b>\$</b>
4368-14	4368 Ethernet Module - MMF ST to STP.	374
4368-34	4368 Ethernet Module - BNC to STP.	209
4368-45	4368 Ethernet Module - STP to AUI.	209
4368-84	4368 Ethernet Module - SMF ST to STP.	887
4490-0	Ethernet Hub - 8-STP, AUI/BNC, no power supply.	117
4490-3	Ethernet Hub - 8-STP, AUI/BNC, UK power supply.	128
60-4368	4368 blank panel for 4368.	16
6221-02	Fast Ethernet Micro Transceiver - MMF ST & MII.	235
6221-03	Fast Ethernet Micro Transceiver - SMF SC & MII.	600
6221-06	Fast Ethernet Micro Transceiver - MMF MT-RJ & MII.	353
6221-07	Fast Ethernet Micro Transceiver - SMF MT-RJ & MII.	1,040
6318-PS	6318 Media Converters - replacement power supply, external 5V DC, universal desktop.	63
6348-01	Fast Ethernet Media Converter - half duplex TX to full duplex MMF SC.	932
6348-02	Fast Ethernet Media Converter - half duplex TX to full duplex MMF ST.	932
6348-03	Fast Ethernet Media Converter - half duplex TX to full duplex SMF SC.	1,286
6348-04	Fast Ethernet Media Converter - half duplex TX to full duplex SMF SC, 40km extended distance.	1,823
6348-PS	6348 Media Converters - replacement power supply, external 5V DC, universal desktop.	63
7000-02-LS	7000-12/22 power supply.	225
7000-12-LS	7000 Chassis <u>12-slot</u> - 10/100Mbps, single power supply, TELCO support, 6 blank panels.	643
7000-22-LS	7000 Chassis <u>12-slot</u> - 10/100Mbps, redundant power supplies, TELCO support, 6 blank panels.	944
7000-6	7000 Chassis <u>6 slot</u> - 10/100Mbps, single power supply, 5 blank panels.	471
7000-6-W	7000-6 wall-mount kit.	63
7111-12-75	Ethernet Module - manageable, RJ45 to Thinnet Coax BNC.	135
7111-13-75	Ethernet Module - manageable, RJ45 to MMF SC.	177
7111-15-70	Ethernet Module - manageable, RJ45 to MMF ST.	177
7111-15-75	Ethernet Module - manageable, RJ45 to MMF ST.	177
7111-16-75	Ethernet Module - manageable, RJ45 to SMF ST.	471
7111-18-75	Ethernet Module - manageable, RJ45 to MMF SMA.	272
7131-34-75	Fast Ethernet module - manageable, FX MMF SC to FX SMF SC.	828
7131-13-75	Fast Ethernet Module - RJ45 to MMF SC.	345
7131-14-75	Fast Ethernet Module - RJ45 to SMF SC.	713
7131-15-70	Fast Ethernet Module - RJ45 to MMF ST.	345

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
7131-15-75	<b>Fast Ethernet Module</b> - RJ45 to MMF ST.	345
7131-16-75	<b>Fast Ethernet Module</b> - RJ45 to SMF ST.	996
7131-17-75	<b>Fast Ethernet Module</b> - RJ45 to SMF SC, 40km extended distance.	996
7131-1A-75	<b>Fast Ethernet Module</b> - RJ45 to SX MMF SC.	419
7131-1B-75	<b>Fast Ethernet Module</b> - RJ45 to SX MMF ST.	419
7131-36-75	<b>Fast Ethernet module</b> - manageable, FX MMF SC to FX SMF ST.	1.049
7131-54-75	<b>Fast Ethernet module</b> - manageable, FX MMF ST to FX SMF SC.	828
7131-56-75	<b>Fast Ethernet module</b> - manageable, FX MMF ST to FX SMF ST.	1.049
7336-22	<b>7000-22 Ethernet Module</b> - unmanageable, Telco to dual MMF SC.	574
7336-33	<b>7000-22 Ethernet Module</b> - unmanageable, Telco to dual MMF ST.	515
7-4368	<b>4368 Chassis 7-Slot</b> - 2U height, single power supply.	209
7500-12HS-1A	<b>7500 Chassis 12-slot</b> - manageable, 2U, single power supply, 6 blank panels.	492
7500-12HS-2A	<b>7500 Chassis 12-slot</b> - manageable, 2U, dual load-sharing power supply, 6 blank panels.	734
7500-17-01	<b>7500 Chassis 17-slot</b> - manageable, 2U, single fixed AC power supply, 6 blank panels.	419
7500-17-02	<b>7500 Chassis 17-slot</b> - manageable, 2U, dual fixed load-sharing AC power supplies, 6 blank panels.	629
7500-D	<b>7500 12 slot chassis power supply display module.</b>	63
7501-M	<b>7500 Management Module</b> - ethernet Interface.	513
7512-AC	<b>7500 12 slot chassis power supply</b> - load-sharing hot-swappable.	209
7711-11-75	<b>Ethernet module</b> - manageable, TP to Dual TP.	419
7731-11-75	<b>Fast Ethernet Module</b> - RJ45 to redundant RJ45.	440
7731-13-75	<b>Fast Ethernet Module</b> - RJ45 to Redundant MMF SC.	681
7731-14-75	<b>Fast Ethernet Module</b> - RJ45 to Redundant SMF SC.	1.437
7731-15-70	<b>Fast Ethernet module</b> - manageable, TX to Dual FX SMF ST.	681
7731-15-75	<b>Fast Ethernet Module</b> - RJ45 to Redundant MMF ST.	681
7731-16-75	<b>Fast Ethernet Module</b> - RJ45 to Redundant SMF ST.	1.876
7731916-75	<b>Fast Ethernet module</b> - manageable, TX to Dual FX SMF ST.	1.836
8100-RM	<b>8108, 8116</b> - rack mount ears kit.	31
8102-01-X	<b>Extension Module</b> - 2-Port, internal 10/100Mbps bridge or external 10/100Mbps TX uplink.	160
8102-03-X	<b>Extension Module</b> - 2-Port, internal 10/100Mbps bridge or external 10/100Mbps FX uplink.	589
8103-01-X	<b>Extension Module</b> - 3-Port, internal 10/100Mbps bridge, external 10/100Mbps TX uplink.	353
8103-03-X	<b>Extension Module</b> - 3-Port, internal 10/100Mbps bridge, external 10/100Mbps FX uplink.	643
8108-11-X	<b>Fast Ethernet Hub</b> - 8-Port, 10/100Mbps auto sensing, internal switch, unmanaged.	492

PART - No.	PRODUCT - Description	EMEA SYNERGY LIST PRICE
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		\$
8112-01-M	<b>Fast Ethernet Hub</b> - 12 Port, 10/100Mbps auto sensing, managed, Master.	1.190
8112-01-S	<b>Fast Ethernet Hub</b> - 12 Port, 10/100Mbps auto sensing, managed, Client.	696
8116-11	<b>Fast Ethernet Hub</b> - 16-Port, 10/100Mbps auto sensing, unmanaged.	643
8116-11-X	<b>Fast Ethernet Hub</b> - 16-Port, 10/100Mbps auto sensing, internal switch, unmanaged.	750
8124-01-M	<b>Fast Ethernet Hub</b> - 24 Port, 10/100Mbps auto sensing, managed, Master.	1.608
8124-01-S	<b>Fast Ethernet Hub</b> - 24 Port, 10/100Mbps auto sensing, managed, Client.	1.201
8414-53	<b>FiberSwitch</b> - 12-Ports 10Mbps MMF ST, 2-Ports 100Mbps MMF SC.	2.359
8414-54	<b>FiberSwitch</b> - 12-Ports 10Mbps MMF ST, 2-Ports 100Mbps SMF SC.	3.003
8414-55	<b>FiberSwitch</b> - 12-Ports 10Mbps MMF ST, 2-Ports 100Mbps MMF ST.	2.359
8414-C	<b>Cable</b> - cascade, DB-25 male to female.	21
8-4368	<b>4368 Chassis 8-Slot</b> - 1U height, single power supply.	402
90-4368	<b>16-4368</b> power supply.	128
91-4368	<b>7-4368</b> power supply.	106
NETBEACON	<b>7500 NetBeacon</b> - management software, single user.	419

#### AH.4. Load Balancing Products (F5 LABS)

SLB-01W	<b>BIG/ip</b> Load Balancing Controller World wide version, includes 128 MB RAM (upgradeable to 1 GB), browser based configuration, license for unlimited servers, and built in scalability	10.490
SLB-02W	<b>BIG/ip</b> HA+ Single World wide version, High Performance, High Availability Single BIG/IP high availability controner, 256MB RAM includes browser based configuration, unlimited server license.	26.240
SLB-03W	<b>BIG/ip</b> HA+ Dual High Availability Controllers World wide version. Fully redundant with automatic failover, 256 MB includes browser based configuration and unlimited server license	47.240
SLB-04W	3DNS+ World wide version, load balance for distributed sites	32.540
SLB-1000	Smart Load Balancer 1000, 24 10/100 and 2 Gigabit SX ports	18.895
SLB-2000	Smart Load Balancer 2000, 8 Gigabit SX ports	19.945