

Optical Transmission Components

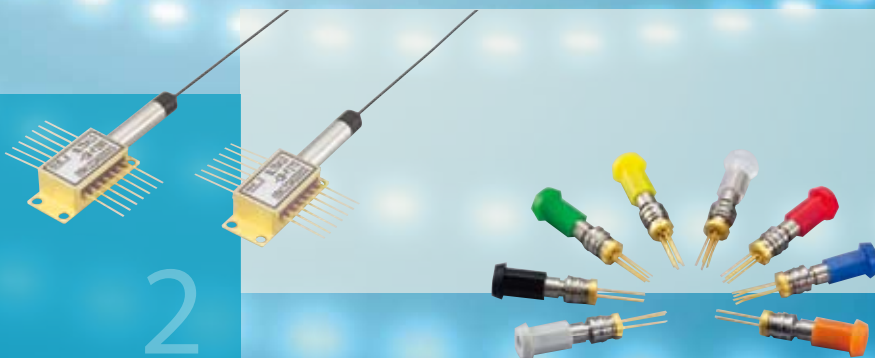
Optical Data Links

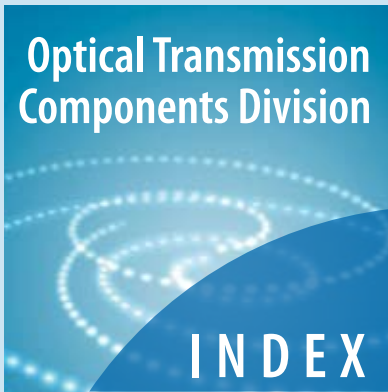
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Active Devices

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Optical Data Links

Small Form Factor Pluggable	1-01/1-02
Bi-Directional Transceiver	1-03
10Gbps Pluggable Transceiver	1-04



Small Form Factor Pluggable



SCP6000 series

- Single-supply +3.3VDC / 電源電圧：単一 +3.3V
- Compact and economical designs with standard, multisource packaging
/ 送受一体の小型トランシーバパッケージ
- LC duplex receptacle / LC2心レセプタクル
- 1310/1550 nm range LD / 1310/1550 nm 帯送信波長
- 18ch CWDM Option
/ 18波長CWDM(1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 nm)
- Compliant with RoHS / RoHS準拠

Numbering System (SONET / SDH / Fibre Channel / Gigabit Ethernet)

SCP6# □ □ - GL - # # #

- Diagnostic Monitor Option / モニタ機能
Blank: Without Diagnostic Monitor / モニタ機能無し
E: With Diagnostic Monitor (External Calibration)* / モニタ機能有り(外部校正)*
H: With Diagnostic Monitor (Internal Calibration)* / モニタ機能有り(内部校正)*
*Compliant with SFF-8472 (Rev.9) / *SFF-8472(Rev.9)準拠
- Operating Case Temperature / ケース温度
N: -5 to 70 °C (Standard / 標準)
W: -40 to 85 °C
- Actuator/TX Fault Options / アクチュエータ、送信機アラーム オプション
(Please contact us for details) (詳細についてはお問い合わせ下さい)
- RoHS Option
F, G, N: RoHS6

Numbering System (CWDM)

SCP6# □ □ - GL - # N - # #

- Wavelength & Bail Color / 波長 & ベールカラー

27: 1270nm, Light Purple	45: 1450nm, Yellow Orange
29: 1290nm, Sky Blue	47: 1470nm, Gray
31: 1310nm, Yellow Green	49: 1490nm, Purple
33: 1330nm, Yellow Ocher	51: 1510nm, Blue
35: 1350nm, Pink	53: 1530nm, Green
37: 1370nm, Beige	55: 1550nm, Yellow
39: 1390nm, White	57: 1570nm, Orange
41: 1410nm, Silver	59: 1590nm, Red
43: 1430nm, Black	61: 1610nm, Brown
- Operating Case Temperature / ケース温度
N: -5 to 70 °C
- Actuator/TX Fault Options / アクチュエータ、送信機アラーム オプション
(Please contact us for details) (詳細についてはお問い合わせ下さい)
- RoHS Option
N: RoHS6

Numbering System (DWDM)

SCP9# # 8 - GL - CN - F # # #

- Wavelength / 波長
F190~F610
1562.233~1528.773nm
- RoHS Option
EA: RoHS5
FB: RoHS6

Small Form Factor Pluggable

SONET / SDH Type WEB

Part Number RoHS 6	Rate [Mbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
SCP6G01	155.52	1310nm FP-LD	-15 to -8	PIN-PD	≤ -30	I-1/S-1.1(SR/IR-1)
SCP6F11	155.52	1310nm DFB-LD	-5 to 0	PIN-PD	≤ -34	L-1.1(LR-1)
SCP6F61	155.52	1550nm DFB-LD	-5 to 0	PIN-PD	≤ -34	L-1.2/1.3(LR-2/LR-3)
SCP6G02	622.08	1310nm FP-LD	-15 to -8	PIN-PD	≤ -28	I-4/S-4.1(SR/IR-1)
SCP6G12	622.08	1310nm DFB-LD	-3 to +2	PIN-PD	≤ -28	L-4.1(LR-1)
SCP6G62	622.08	1550nm DFB-LD	-3 to +2	PIN-PD	≤ -28	L-4.2/4.3(LR-2/LR-3)
SCP6G28	2488.32	1310nm FP-LD	-10 to -3	PIN-PD	≤ -19	I-16(SR)
SCP6G08	2488.32	1310nm DFB-LD	-5 to 0	PIN-PD	≤ -19	S-16.1(IR-1)
SCP6G18	2488.32	1310nm DFB-LD	-2 to +3	APD	≤ -27	L-16.1(LR-1)
SCP6G78	2488.32	1550nm DFB-LD	-2 to +3	APD	≤ -28	L-16.2(LR-2)

I-: Intra-office, S-: Short-haul, L-: Long-haul, SR: Short Reach, IR: Intermediate Reach, LR: Long Reach

Fast Ethernet / Fibre Channel / Gigabit Ethernet WEB

Part Number RoHS 6	Rate [Mbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
SCP6G03	125	1310nm FP-LD	-15 to -8	PIN-PD	≤ -28	100Base-LX10
SCP6F13	125	1310nm DFB-LD	-5 to 0	PIN-PD	≤ -28	100Base-EX
SCP6F63	125	1550nm DFB-LD	-3 to +2	PIN-PD	≤ -30	100Base-ZX
SCP6G44	1062.5/1250	1310nm FP-LD	-9.5 to -3	PIN-PD	≤ -20.5	FC/GbE LX
SCP6G14	1250	1310nm DFB-LD	-4.5 to 0	PIN-PD	≤ -22.5	GbE
SCP6G94	1250	1550nm DFB-LD	0 to +5	PIN-PD	≤ -24	GbE

CWDM WEB

Part Number RoHS 6	Rate [Mbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]
SCP6NK1	155.52	DFB-LD	0 to +5	PIN-PD	≤ -34
SCP6NL2	622.08	DFB-LD	0 to +5	PIN-PD	≤ -28
SCP6NG4	1250	DFB-LD	0 to +5	PIN-PD	≤ -24
SCP6NP4	1250	DFB-LD	+1 to +5	APD	≤ -31
SCP6NB8	2666.06	DFB-LD	0 to +5	PIN-PD	≤ -18
SCP6NE8	2666.06	DFB-LD	0 to +5	APD	≤ -28

DWDM

Part Number	Rate [Mbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]
SCP9EA8 (RoHS 5)	2666.06	DFB-LD	0 to +4	APD	≤ -28
SCP9FB8 (RoHS 6)	2666.06	DFB-LD	0 to +4	APD	≤ -28

Bi-Directional Transceiver (SFP)

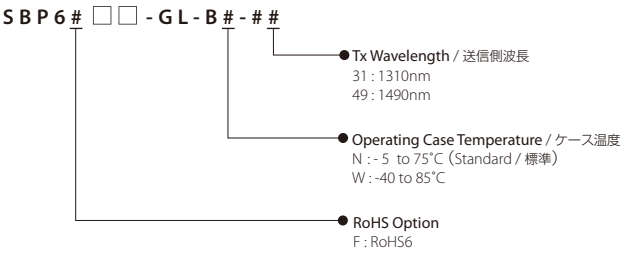
WEB



- Single-supply +3.3VDC / 電源電圧：単一 +3.3V
- Compact and economical designs with standard, multisource pluggable packaging
/ 送受一体の小型プラグابلトランシーバパッケージ
- LC receptacle / LCレセプタクル
- Compliant with RoHS / RoHS準拠

Part Number RoHS 6	Rate [Mbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
SBP6F44	1250	1.31μm FP-LD	-9 to -3	PIN-PD	≤ -20	IEEE802.3ah (≤SMF 10km)
	1250	1.49μm DFB-LD	-9 to -3	PIN-PD	≤ -20	IEEE802.3ah (≤SMF 10km)
SBP6F54	1250	1.31μm DFB-LD	-6 to 0	PIN-PD	≤ -19.5	-
	1250	1.49μm DFB-LD	-6 to 0	PIN-PD	≤ -19.5	-

Numbering System



10Gbps Pluggable Transceiver

- XFP with LC duplex Receptacle and XFI interface / XFP : LC2心レセプタクル、XFI 10Gbps電気インタフェース
- X2 with SC duplex Receptacle and XAUI interface / X2 : SC2心レセプタクル、XAUI電気インタフェース
- SFP+ with LC duplex Receptacle and SFI interface / SFP+ : LC2心レセプタクル、SFI電気インタフェース



SXP3100 series

SDX4100 series

SPP5100 series

XFP

WEB

Part Number		Rate [Gbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
RoHS 5	RoHS 6						
SXP3101LX	SXP3100LX*	9.95/10.31/10.51	1.31μm DFB-LD	-8.2 to 0.5	PIN-PD	≤ -10.3**	IEEE802.3ae (≤ SMF 10km), 10G Fibre Channel
SXP3101N1	SXP3100N1*	9.95	1.31μm DFB-LD	-6 to -1	PIN-PD	≤ -11	I-64.1, (SR-1)
SXP3101NV	SXP3100NV*	9.95/10.31(11.3****)	1.31μm DFB-LD	-6 to -1	PIN-PD	≤ -11	SR-1/I-64.1, IEEE802.3ae (≤ SMF 10km)
SXP3101EX	SXP3100EX*	9.95/10.31/10.51	1.55μm EA-DFB	-4.7 to 4	PIN-PD	≤ -11.3**	IEEE802.3ae (≤ SMF 40km), 10G Fibre Channel
SXP3101S5	SXP3100S5*	9.95	1.55μm EA-DFB	-1 to 2	PIN-PD	≤ -14	S-64.2b, (IR-2)
SXP3101SV	SXP3100SV*	9.95/10.31(11.3****)	1.55μm EA-DFB	-1 to 2	PIN-PD	≤ -14	IR-2/S-64.2b, IEEE802.3ae (≤ SMF 40km)
SXP3101ZX*	SXP3100ZX*	10.31	1.55μm EA-DFB	-1 to 4	APD	≤ -24	IEEE802.3ae*** (≤ SMF 80km)
SXP3101L2*	SXP3100L2*	9.95	1.55μm EA-DFB	0 to 4	APD	≤ -24	P1L1-2D2 (LR-2) (≤ SMF 80km)
N/A	SXP3100SR*	10.31	850nm VCSEL	-7.3 to 0	PIN-PD	≤ -7.5**	IEEE802.3ae (≤ MMF 300m)

* : These items are under development. Please contact us for details. / *: は開発品です。詳細についてはお問い合わせください。

** : Stressed receiver sensitivity (max) in OMA. / ストレスドアイ感度 (OMA換算)

*** : Except optical interface specification. / 光インターフェース仕様を除く

**** : Optional / オプション仕様。詳細についてはお問い合わせください。

X2

WEB

Part Number		Rate [Gbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
RoHS 5	RoHS 6						
SDX4102LR	SDX4100LR*	10.31	1.31μm DFB-LD	-8.2 to 0.5	PIN-PD	≤ -10.3**	IEEE802.3ae (≤ SMF 10km)
SDX4102FL	SDX4100FL*	10.51	1.31μm DFB-LD	-8.2 to 0.5	PIN-PD	≤ -10.3**	ANSI 10GFC (≤ SMF 10km)
SDX4101LM	SDX4100LM*	10.31	1.31μm FD-LD	-6.5 to 0.5	PIN-PD	≤ -6**	IEEE802.3ag (≤ MMF 220m)
SDX4101ER	SDX4100ER*	10.31	1.55μm EA-DFB	-4.7 to 4	PIN-PD	≤ -11.3**	IEEE802.3ae (≤ SMF 40km)
SDX4101ZR*	SDX4100ZR*	10.31	1.55μm EA-DFB	-1 to 4	APD	≤ -24	IEEE802.3ae*** (≤ SMF 80km)

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SFP+

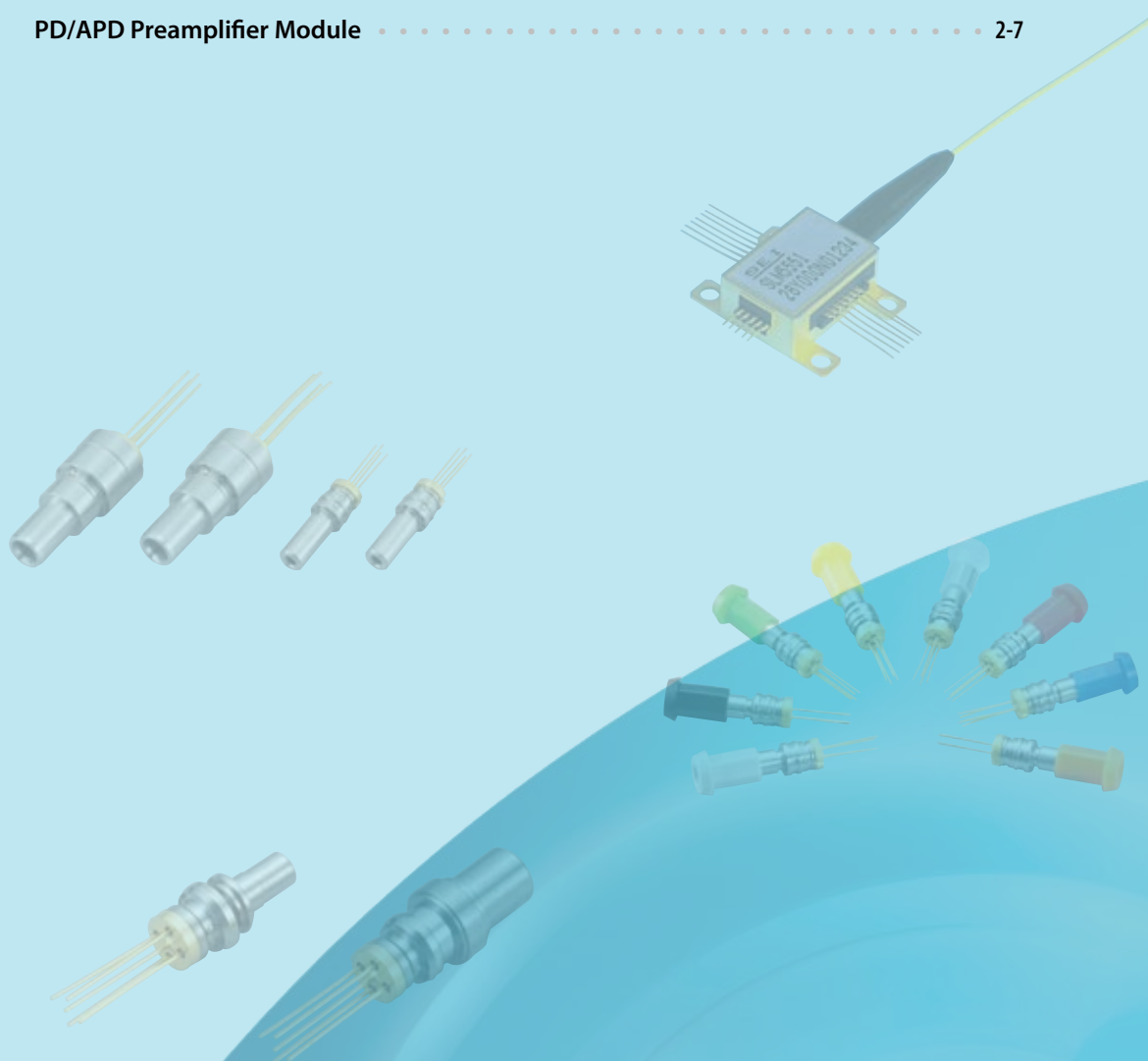
Part Number		Rate [Gbps]	Laser Type	Pout [dBm]	PD Type	Pmin [dBm]	Feature/Application
RoHS 5	RoHS 6						
SPP5101SR	SPP5100SR*	10.31	850nm VCSEL	-7.3 to 0	PIN-PD	≤ -7.5**	IEEE802.3ae (≤ MMF 300m)
SPP5101SX	SPP5100SX*	8.5	850nm VCSEL	-8.2 to 0	PIN-PD	≤ -8.1**	FI-PC-4 (≤ MMF 150m)
SPP5101LM	SPP5100LM*	10.31	1.31μm FP-LD	-6.5 to 0.5	PIN-PD	≤ -6**	IEEE802.3ag (≤ MMF 220m)
SPP5101LR	SPP5100LR*	10.31	1.31μm DFB-LD	-8.2 to 0.5	PIN-PD	≤ -10.3**	IEEE802.3ae (≤ SMF 10km)
SPP5101LX	SPP5100LX*	8.5	1.31μm DFB-LD	-8.4 to 0	PIN-PD	≤ -13.8	FI-PC-4 (≤ SMF 10km)
SPP5101MX	SPP5100MX*	8.5	1.31μm FP-LD	-8.4 to 0	PIN-PD	≤ -13.8	FI-PC-4 (≤ SMF 1.4km)

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Active Devices

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Optical Devices for Simplex Fiber Optic Bi-Directional Transmission

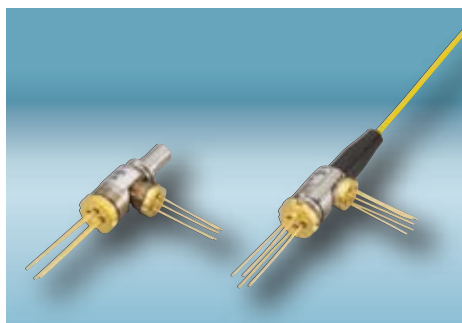
Diplexer (Receptacle Type)

Part Number	Laser Type	Pout	Tx Rate	Rx Rate	Smin	Package	Feature/Application	RoHS
SXT2710	1310nm FP-LD	-14 to -8dBm	125Mbps	125Mbps	<-30dBm	Receptacle	TTC MC class S, A	○
SXT2312	1550nm FP-LD	-14 to -8dBm	125Mbps	125Mbps	<-30dBm	Receptacle	TTC MC class S, A	○
SXT2710	1310nm FP-LD	-2 to +4dBm	156Mbps	156Mbps	<-33dBm	Receptacle	ITU B-PON, ONU	○
SXT2730	1310nm FP-LD	-2 to +3dBm	1.25Gbps	1.25Gbps	<-25dBm	Receptacle	ITU G-PON, IEEE GE-PON, ONU	○
SXT2730	1310nm FP-LD	-9 to -3dBm	1.25Gbps	1.25Gbps	<-20dBm	Receptacle	IEEE GE-MC	○
SXT2432	1490nm DFB-LD	-9 to -3dBm	1.25Gbps	1.25Gbps	<-20dBm	Receptacle	IEEE GE-MC	○

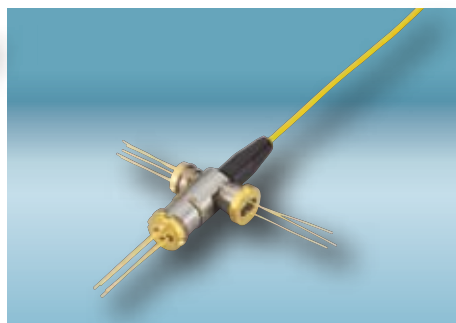
Diplexer/Triplexer (Pigtail Type)

Applications	Type Name	Bit Rate(D/U)	Equipment	Di/Triplexer	LD Type	PD	Pout	Pout	Smin	Smax	RoHS
B-PON	SXT5721	622/155M	ONT	Triplexer	1310nm FP	PIN	0 to +4dBm	0 to +4dBm	< -29dBm	> -8dBm	○
	SXT4412	622/155M	OLT	Diplexer	1490nm DFB	PIN	1 to +5dBm	1 to +5dBm	< -33dBm	> -8dBm	○
GE-PON	SXT5731	2.5G/1.25G	ONT	Triplexer	1310nm FP	PIN	1 to +5dBm	1 to +5dBm	< -25dBm	> -3dBm	○
	SXT5231	2.5G/1.25G	ONT	Triplexer	1310nm DFB	PIN	0 to +4dBm	0 to +4dBm	< -25dBm	> -3dBm	○
	SXT4730	1.25/1.25G	ONT	Diplexer	1310nm FP	PIN	1 to +5dBm	1 to +5dBm	< -25dBm	> -3dBm	○
	SXT4230	2.5G/1.25G	ONT	Diplexer	1310nm DFB	PIN	0 to +4dBm	0 to +4dBm	< -25dBm	> -3dBm	○
	SXT4432	2.5G/1.25G	OLT	Diplexer	1490nm DFB	APD	3 to +7dBm	3 to +7dBm	< -28dBm	> -6dBm	○
G-PON	SXT5731	1.25G/622M	ONT	Triplexer	1310nm FP	PIN	1 to +5dBm	1 to +5dBm	< -25dBm	> -4dBm	○
	SXT5231	1.25G/622M	ONT	Triplexer	1310nm DFB	PIN	0 to +4dBm	0 to +4dBm	< -25dBm	> -4dBm	○
	SXT4730	1.25G/622M	ONT	Diplexer	1310nm FP	PIN	1 to +5dBm	1 to +5dBm	< -25dBm	> -4dBm	○
	SXT4230	1.25G/622M	ONT	Diplexer	1310nm DFB	PIN	0 to +4dBm	0 to +4dBm	< -25dBm	> -4dBm	○
	SXT5241	2.5G/1.25G	ONT	Triplexer	1310nm DFB	APD	0 to +4dBm	0 to +4dBm	< -28dBm	> -8dBm	○
	SXT4240	2.5G/1.25G	ONT	Diplexer	1310nm DFB	APD	0 to +4dBm	0 to +4dBm	< -28dBm	> -8dBm	○
	SXT4472*	2.5G/1.25G	OLT	Diplexer	1490nm DFB	APD	3 to +7dBm	3 to +7dBm	< -29dBm	> -8dBm	○

*Under development

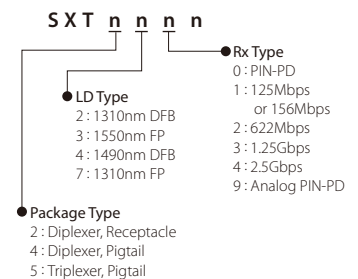


SXT2nnn, SXT4nnn series



SXT5nnn series

Numbering System



Laser Diodes for 10Gbps Digital Transmission

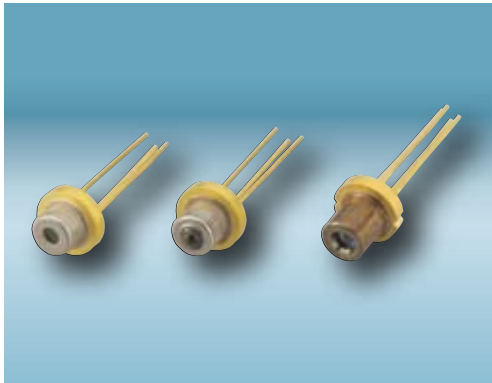


SLX2Y8F series

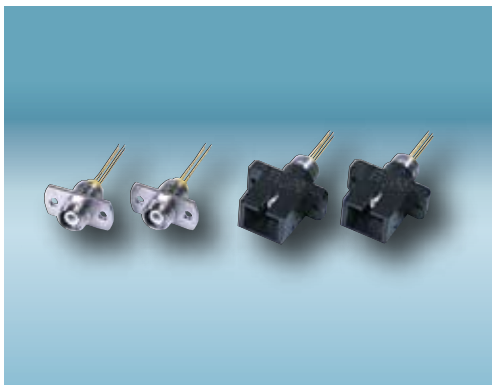
Part Number	Package	Laser Type	Pout	Temperature	Application	RoHS
SLX2Y8F	Coax	DFB	0.6mW	-10 to 75°C	10GbE	○
SLX2C8F	Coax	FP	0.6mW	-5 to 75°C	10GbE(LRM)	○
SLX2500(*)	BTF	EA	3mW	-10 to 75°C	OC-192/STM-64/10GbE	○

*Driver Out Type

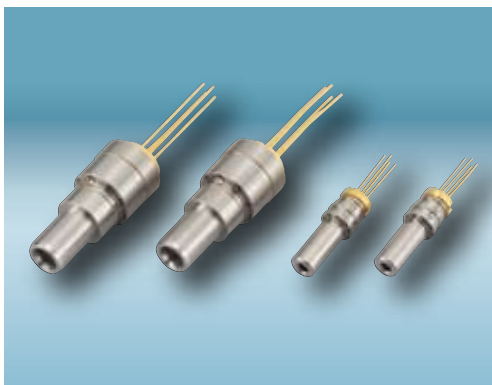
Laser Diodes for Digital Transmission



CAN



Receptacle



TOSA & Mini-TOSA



SLT3000 series SLT4000 series

for Digital Transmission

- Coaxial Receptacle, Pigtail type / 同軸型レセプタクル、ピグテイルタイプ
- 1.3 μm range FP-LD / 1.3 μm 帯 FP-LD [WEB](#)

Part Number	Package	Pout	Temperature	Feature/Application	RoHS
SLT2000-x series	receptacle	0.16mW	-40 to 85°C	155/622Mbps, SR/IR	○
SLT2110-x series	receptacle	0.4mW	-40 to 85°C	1.25/2.5Gbps, SR	○
SLT2710-x series	receptacle	1.0mW	-40 to 85°C	Up to 2.5Gbps	○
SLT2000-xN series	TOSA	0.16mW	-40 to 85°C	155/622Mbps, SR/IR	○
SLT2110-xN series	TOSA	0.4mW	-40 to 85°C	1.25/2.5Gbps, SR	○
SLT2710-xN series	TOSA	0.5mW	-40 to 85°C	155Mbps LR, GbE, FC, 2.5Gbps SR	○
SLT2120-xN series	TOSA	0.4mW	-40 to 85°C	2.5Gbps, SR/IR	○
SLT2070-xN series	mini-TOSA	0.16mW	-40 to 85°C	155/622Mbps, SR/IR	○
SLT2170-xN series	mini-TOSA	0.4mW	-40 to 85°C	1.25/2.5Gbps, SR	○
SLT2770-xN series	mini-TOSA	0.5mW	-40 to 85°C	155Mbps LR, GbE, FC, 2.5Gbps SR	○
SLT2A70-xR series	mini-TOSA	0.4mW	-40 to 85°C	4FC	○
SLT3000 series	Pigtail	0.2mW	-40 to 85°C	155/622Mbps, SR/IR	○
SLT3110 series	Pigtail	0.4mW	-40 to 85°C	155/622Mbps/1.25Gbps, SR/IR	○
SLT3120 series	Pigtail	0.4mW	-40 to 85°C	2.5Gbps, SR	○
SLT4100 series	Pigtail	1.0mW	-40 to 85°C	155/622Mbps/1.25Gbps, SR/IR	○
SLT4110 series	Pigtail	2.0mW	-40 to 85°C	155/622Mbps/1.25Gbps, SR/IR	○
SLT4710 series	Pigtail	3.0mW	-40 to 85°C	2.5Gbps, SR/IR	○
SLT4760 series	Pigtail	3.0mW	-40 to 85°C	Single isolator, 2.5Gbps, SR/IR	○

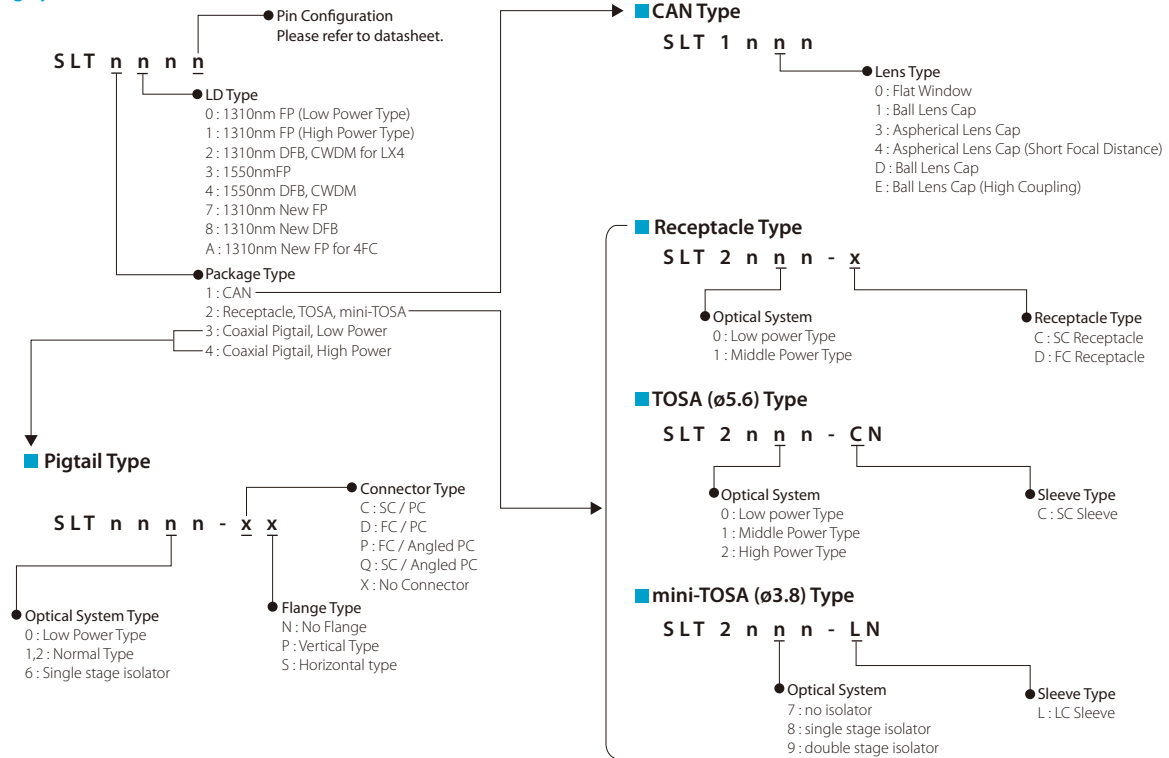
- Coaxial CAN, Receptacle, Pigtail type / 同軸型キャン、レセプタクル、ピグテイルタイプ
- 1.3 μm range DFB-LD / 1.3 μm 帯 DFB-LD [WEB](#)

Part Number	Package	Pout	Temperature	Feature/Application	RoHS
SLT1200 series	CAN	7.0mW	-40 to 85°C	Flat Window Cap	○
SLT12D0 series	CAN	7.0mW	-40 to 85°C	Ball Lens Cap	○
SLT12E0 series	CAN	7.0mW	-40 to 85°C	Ball Lens Cap/High Coupling Type	○
SLT1230 series	CAN	7.0mW	-40 to 85°C	Aspherical Lens Cap	○
SLT1240 series	CAN	7.0mW	-40 to 85°C	Aspherical Lens Cap/Short Focal Distance Type	○
SLT1830 series	CAN	7.0mW	-40 to 85°C	Aspherical Lens Cap, 4FC	○
SLT2220-xN series	TOSA	1.5mW	-40 to 85°C	622M/1.25G/2.5Gbps, (IR)/LR	○
SLT2270-xN series	mini-TOSA	1.5mW	-40 to 85°C	622M/1.25G/2.5Gbps, (IR)/LR	○
SLT2280-xN series	mini-TOSA	1.5mW	-40 to 85°C	Single isolator, 2.5Gbps, IR/LR	○
SLT2880-xR series	mini-TOSA	0.4mW	-40 to 85°C	Single isolator, 4FC	○
SLT4210 series	Pigtail	2.0mW	-40 to 85°C	up to 2.5Gbps, (IR), LR	○
SLT4260 series	Pigtail	2.0mW	-40 to 85°C	Single isolator, 2.5Gbps, (IR)/LR	○

- Coaxial CAN, Receptacle, Pigtail type / 同軸型キャン、レセプタクル、ピグテイルタイプ
- 1.55 μm range DFB-LD / 1.55 μm 帯 DFB-LD [WEB](#)

Part Number	Package	Pout	Temperature	Feature/Application	RoHS
SLT1400 series	CAN	5.0mW	-40 to 85°C	Flat Window Cap	○
SLT14D0 series	CAN	5.0mW	-40 to 85°C	Ball Lens Cap	○
SLT14E0 series	CAN	5.0mW	-40 to 85°C	Ball Lens Cap/High Coupling Type	○
SLT1430 series	CAN	5.0mW	-40 to 85°C	Aspherical Lens Cap	○
SLT1240 series	CAN	5.0mW	-40 to 85°C	Aspherical Lens Cap/Short Focal Distance Type	○
SLT2420-xN series	TOSA	1.5mW	-40 to 85°C	622M/1.25G/2.5Gbps, LR-2	○
SLT2470-xN series	mini-TOSA	1.5mW	-40 to 85°C	622M/1.25G/2.5Gbps, LR-2	○
SLT2480-xN series	mini-TOSA	1.5mW	0 to 70°C	Single isolator, 2.5Gbps, LR-2	○
SLT2490-xN series	mini-TOSA	1.5mW	-20 to 85°C	Double isolator, 2.5Gbps, LR-2	○
SLT4410 series	Pigtail	2.0mW	-40 to 85°C	up to 2.5Gbps, LR-2	○
SLT4460 series	Pigtail	2.0mW	-40 to 85°C	Single isolator, 2.5Gbps, LR-2	○

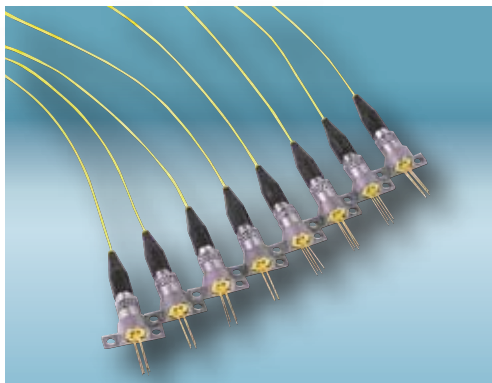
Numbering System



Laser Diodes for Digital Transmission



SLT2470-xnnnx series



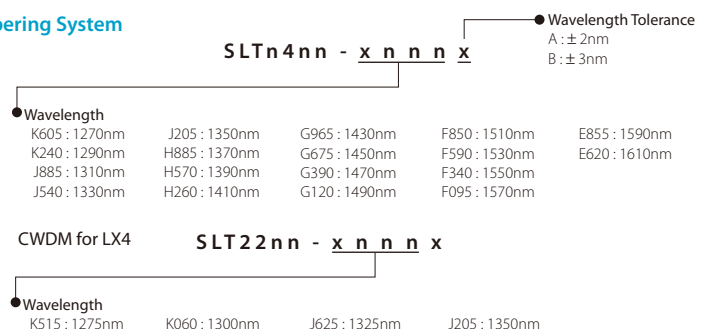
SLT4460-CS-xnnnx series

for CWDM Application WEB

- Coaxial CAN, Receptacle, Pigtail type / 同軸型キャン、レセプタクル、ピグテイルタイプ
- 18ch DFB-LD / 18波長DFB-LD
(1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610nm)
- 4ch DFB-LD for LX4 / LX4用4波長DFB-LD
(1275, 1300, 1325, 1350nm)

Part Number	Package	Pout	Temperature	Feature/Application	RoHS
SLT1400-xnnnx series	CAN	5.0mW	0 to 70°C	CWDM 18chs, Flat Window Cap	○
SLT1430-xnnnx series	CAN	5.0mW	0 to 70°C	CWDM 18chs, Aspherical Lens Cap	○
SLT1440-xnnnx series	CAN	5.0mW	0 to 70°C	CWDM 18chs, Aspherical Lens Cap/Short Focal Distance Type	○
SLT2420-xnnnx series	TOSA	1.5mW	0 to 70°C	CWDM 18chs	○
SLT2470-xnnnx series	mini-TOSA	1.5mW	0 to 70°C	CWDM 18chs	○
SLT2480-xnnnx series	mini-TOSA	1.5mW	0 to 70°C	CWDM 18chs, Single isolator	○
SLT4410-xnnnx series	Pigtail	2.0mW	0 to 70°C	CWDM 18chs, 2.5Gbps, LR-2	○
SLT4460-xnnnx series	Pigtail	2.0mW	0 to 70°C	CWDM 18chs, Single isolator, 2.5Gbps, LR-2	○
SLT4440-xnnnx series	Pigtail	3.0mW	0 to 70°C	CWDM 18chs, high coupling type, single isolator, 2.5Gbps, LR-2	○
SLT2270-xnnnT series	mini-TOSA	1.5mW	0 to 85°C	CWDM 4chs, LX4	○
SLT2280-xnnnT series	mini-TOSA	1.5mW	0 to 85°C	CWDM 4chs, single isolator, LX4	○

Numbering System



Laser Diodes for Digital Transmission

for DWDM Application WEB

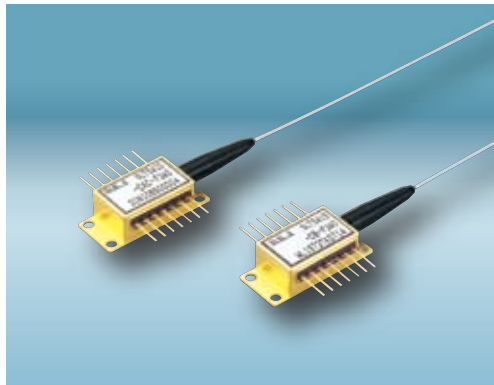
- Butterfly Type 14pin package / バタフライ型14ピンパッケージ

2.5Gbps Directly Modulated DFB-LD

Part Number	Application	Wavelength	Fiber dispersion	Fiber type	Connector	Pout	Feature	RoHS
SLT541A-CPx	2.5Gbps DM	C-band	1800, 2400, 3200ps/nm	SMF	SC/PC, etc	2mW	ITU Grid 100GHz spacing compliant	○
SLT541A-CAx	2.5Gbps DM	C-band	1800, 2400, 3200ps/nm	SMF	SC/PC, etc	10mW	ITU Grid 100GHz spacing compliant	○
SLT541A-CBx	2.5Gbps DM	C-band	1600ps/nm	SMF	SC/PC, etc	20mW	ITU Grid 100GHz spacing compliant	○

CW DFB-LD

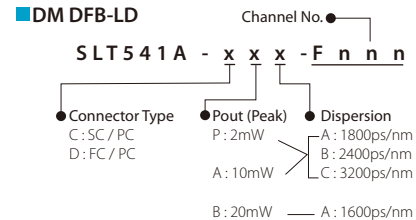
Part Number	Application	Wavelength	Channel	Fiber type	Connector	Pout	Feature	RoHS
SLT541B-CA	CW	C-band	1ch	PMF	SC/PC, etc	10mW	ITU Grid 50GHz spacing compliant / Anode PINs : Case Ground	○
SLT541B-CB	CW	C-band	1ch	PMF	SC/PC, etc	20mW	ITU Grid 50GHz spacing compliant / Anode PINs : Case Ground	○



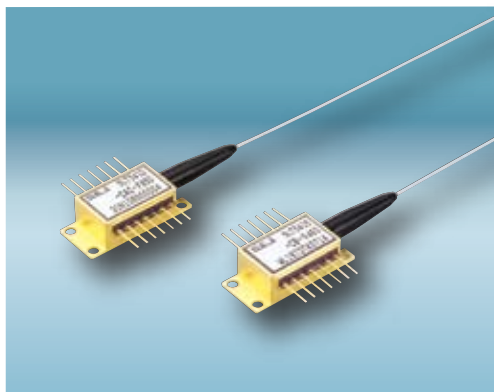
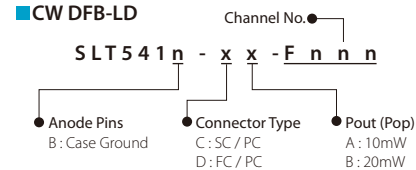
SLT541A, 541B series

Numbering System

DM DFB-LD



CW DFB-LD



SLT541A, 541B series

for DWDM Supervisory Application WEB

- Butterfly Type 14pin package / バタフライ型14ピンパッケージ

Part Number	Laser Type	Fiber type	Connector	Pout	Feature	RoHS
SLT541A-Cx-S850	1510nm DFB-LD	SMF	SC/PC	1,5,10mW	Directly Modulated DFB-LD	○
SLT541A-Cx-S460	1625nm DFB-LD	SMF	SC/PC	1,5,10mW	Directly Modulated DFB-LD	○
SLT541B-Cx-S850	1510nm DFB-LD	PMF	SC/PC	10,20mW	CW DFB-LD/Anode PINs : Case Ground	○
SLT541B-Cx-S460	1625nm DFB-LD	PMF	SC/PC	10,20mW	CW DFB-LD/Anode PINs : Case Ground	○

- Coaxial CAN, Pigtail type / 同軸型キャン、ピグテイルタイプ WEB

Part Number	Laser Type	Fiber type	Connector	Package	Pout	Temperature	Feature	RoHS
SLT1430-S460	1625nm DFB-LD	—	—	CAN	5.0mW	-20 to 70°C	Supervisory channel (L-band)	○
SLT1430-S850	1510nm DFB-LD	—	—	CAN	5.0mW	-40 to 85°C	Supervisory channel (C-band)	○
SLT4400-CS-S460	1625nm DFB-LD	SMF	SC/PC	Pigtail	2.0mW	-20 to 70°C	Supervisory channel (L-band)	○
SLT4400-CS-S850	1510nm DFB-LD	SMF	SC/PC	Pigtail	2.0mW	-40 to 85°C	Supervisory channel (C-band)	○
SLT4460-CS-S460	1625nm DFB-LD	SMF	SC/PC	Pigtail	2.0mW	-20 to 70°C	Single isolator Supervisory channel (L-band)	○
SLT4460-CS-S850	1510nm DFB-LD	SMF	SC/PC	Pigtail	2.0mW	-40 to 85°C	Single isolator Supervisory channel (C-band)	○

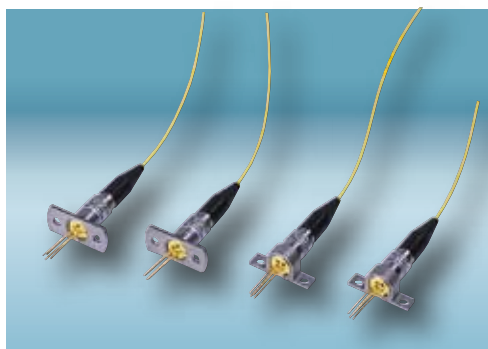
Laser Diodes for Analog Transmission

Coaxial Pigtail Type / 同軸型ピグテイルタイプ WEB

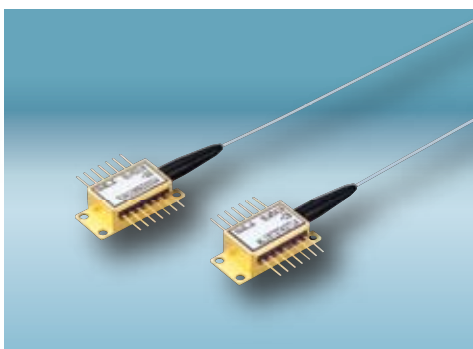
Part Number	Type	Fiber	Package	Pout	Temperature	Feature/Application	RoHS
SLV3710 series	1310nm FP-LD	SMF	Pigtail	1.0mW	-40 to 85°C	CATV-RP, Wireless	○
SLV4710 series	1310nm FP-LD	SMF	Pigtail	2.0mW	-40 to 85°C	CATV-RP, Wireless	○
SLV4760 series	1310nm FP-LD	SMF	Pigtail	2.0mW	-20 to 85°C	Single isolator, CATV, Wireless	○
SLV4260 series	1310nm DFB-LD	SMF	Pigtail	2.0 to 4.0mW	-20 to 85°C	Single isolator, CATV, Wireless	○
SLV4270 series	1310nm DFB-LD	SMF	Pigtail	2.0 to 4.0mW	-20 to 85°C	Double isolator, CATV, Wireless	○
SLV4460 series	1550nm DFB-LD	SMF	Pigtail	2.0mW	-20 to 85°C	Single isolator, CATV-RP, Wireless	○
SLV4460-xnnnx series	1470 to 1610nm DFB-LD	SMF	Pigtail	2.0mW	-20 to 70°C	Single isolator, CWDM, CATV-RP, Wireless	○
SLV4440-xnnnx series	1470 to 1610nm DFB-LD	SMF	Pigtail	3.0 to 4.0mW	-20 to 70°C	single isolator, high coupling type, CWDM, CATV-RP, Wireless	○
SLW4760 series	1310nm FP-LD	SMF	Pigtail	3.0mW	-20 to 85°C	Single isolator, Wireless	○
SLW4360 series	1550nm FP-LD	SMF	Pigtail	3.0mW	-20 to 85°C	Single isolator, Wireless	○
SLW4260 series	1310nm DFB-LD	SMF	Pigtail	3.0mW	-20 to 85°C	Single isolator, Wireless	○
SLW4460 series	1550nm DFB-LD	SMF	Pigtail	3.0mW	-20 to 85°C	Single isolator, Wireless	○
SLW4460-xnnnx series	1510 to 1570nm DFB-LD	SMF	Pigtail	3.0mW	-20 to 85°C	Single isolator, CWDM, Wireless	○
SLW4440-xnnnx series	1510 to 1570nm DFB-LD	SMF	Pigtail	3.0 to 4.0mW	-20 to 85°C	single isolator, high coupling type, CWDM, Wireless	○

Butterfly Type 14pin Package / バタフライ型14ピンパッケージ

Part Number	Type	Fiber	Package	Pout	Temperature	Feature/Application	RoHS
SLV521A series	1310nm DFB-LD	SMF	Pigtail	4 to 20mW	-20 to 70°C	Single isolator, CATV Forward Path, S-MATV	○
SLV541A series	1550nm DFB-LD (C-band)	SMF	Pigtail	6 to 10mW	-40 to 85°C	Single isolator, ITU Grid 100GHz spacing compliant 1.55um QAM, Narrowcast Forward Path, S-MATV	○
SLW521A series	1310nm DFB-LD	SMF	Pigtail	5 to 10mW	-20 to 70°C	Single isolator, Wireless	○
SLW541A series	1470 to 1570nm DFB-LD	SMF	Pigtail	5 to 10mW	-20 to 70°C	Single isolator, CWDM, Wireless	○

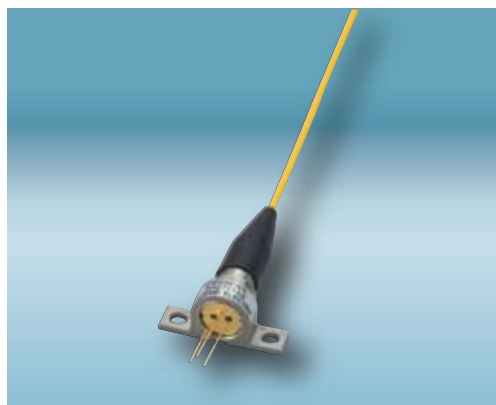


SLV&SLW42nn, 44nn series



SLV & SLW521A, 541A series

Photo Diodes for Digital Transmission



SPT3200 series

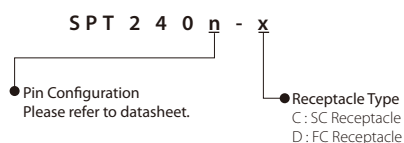
for Digital Transmission WEB

- Coaxial Receptacle, Pigtail type / 同軸型レセプタクル、ピグテイルタイプ
- InGaAs PIN-PD

Part Number	Package	Responsivity (1310/1550nm, A/W)	Active diameter	Capacity	Feature	RoHS
SPT2400-x series	receptacle	0.85/ -	100μm	1.4pF	Normal capacitance	○
SPT3200 series	Pigtail	0.85/0.9	60μm	0.6pF	Low capacitance	○
SPT3400 series	Pigtail	0.9/ -	100μm	1.4pF	Normal capacitance	○
SPT3900 series	Pigtail	- /0.85	100μm	1.5pF	Long wavelength (up to 1600nm range)	○

Numbering System

Receptacle Type



Pigtail Type

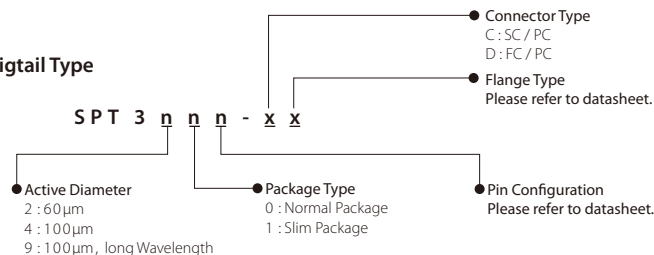
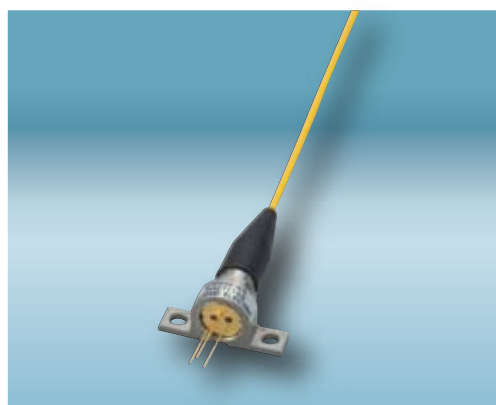


Photo Diodes for Analog Transmission



SPV3200 series

for Analog Transmission WEB

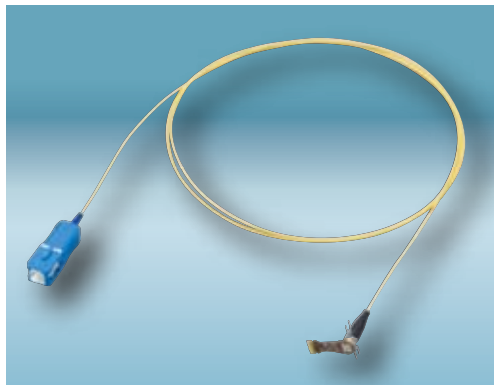
- Coaxial Pigtail type / 同軸型ピグテイルタイプ
- InGaAs PIN-PD

Part Number	Type	Fiber	Package	Sensitivity	Capacity	Feature/Application	RoHS
SPV3200 series	PIN-PD	SMF	Pigtail	0.9A/W	0.6pF	Analog application, Low capacitance, RoHS compliance	○

PD/APD Preamplifier Module

Pigtail Module WEB

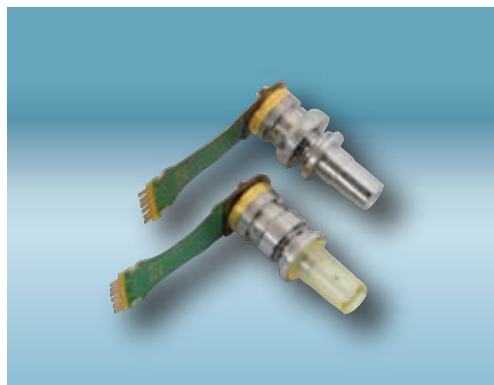
Applications	Type Name	PD/APD	Supply Voltage(V)	TIA Type	fc (MHz)	Zt (kohm)	Input Power (dBm)	Remarks	RoHS
OC-192/STM-64/10GbE	SRD414x	PD	3.3	Limit amp.	10000	2	-19 to +3		○
	SRD444x	APD	3.3	AGC	8500	0.7	-24 to -7		○



SRD414x

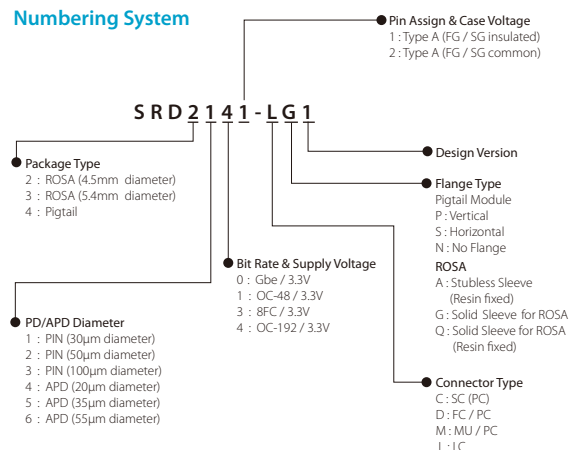
ROSA WEB

Applications	Type Name	PD/APD	Supply Voltage(V)	TIA Type	fc (MHz)	Zt (kohm)	Input Power (dBm)	Available Connector	Remarks	RoHS
GbE	SRD3201	PD	3.3	AGC	2000	5	-26 to +1	LC	Under developing	○
OC-48/STM-16	SRD3211	PD	3.3	AGC	2000	5	-24 to +1	LC		○
	SRD2511	APD	3.3	AGC	1800	1.8	-35 to -9	LC	Under developing	○
8FC	SRD2131-LA1	PD	3.3	Limit amp	10000	2	-19 to +3	LC		○
	SRD2131-LA3	PD	3.3	Limit amp	8500	6	-19 to +3	LC	High Zt version	○
OC-192/STM-64/10GbE	SRD214x-LG1/CG1	PD	3.3	Limit amp	10000	2	-19 to +3	LC/SC		○
	SRD214x-LG3/CG3	PD	3.3	Limit amp	8500	6	-19 to +3	LC/SC	High Zt version	○
	SRD224x-LG3/CG3	PD	3.3	AGC	7500	3.5	-15 to +1.5	LC/SC	Under developing / for MMF application	○
	SRD244x-LG5/CG5	APD	3.3	AGC	8500	0.7	-27 to -7	LC/SC		○

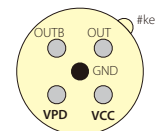


SRD2141-LG1, SRD2141-CG1

Numbering System



Type A Pin assignment (Bottom View)



Optical Transmission Components Division

English

<http://www.excelight.com/>

Japanese

<http://www.sei.co.jp/Electro-optic/>



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