

Datasheet

Gigabit SFP Transceiver



Features

- Gigabit Ethernet (GbE), Fibre Channel (FC) compatible
- SFP MSA SFF-8074i compliant
- Digital Diagnostic SFF-8472 compliant (where indicated)
- Bellcore GR-468 compliant
- Duplex LC connector
- Hot swappable
- Low EMI metal enclosure

Overview

MRV Communications' Small Form-Factor Pluggable (SFP) transceivers provide the high speeds and physical compactness that today's networks require while delivering the deployment flexibility and inventory control that network administrators demand.

Designed to Multi-Source Agreement (MSA) standards to ensure broad network equipment compatibility, these SFPs are a perfect match for MRV Communications' new line of Fiber Driver™ pluggable media modules and chassis, and the Optiswitch™ line of routers and switches. Together, they can be used to create the ultimate in managed fiber infrastructures.

For more information contact your nearest authorized MRV Communications dealer and visit our website at www.mrv.com.

Part Number	Function	Protocol	Wavelength (nm)	Output Power (dBm)			Receiver Sensitivity (dBm)		Link Budget (dB)		Supply Voltage (V)	Temp. Range (°C)	Digital Diagnostics	Range (km)
				Min.	Typ.	Max.	Min.	Typ.	Min.	Typ.				
SFP-G-SX	SFP Multimode	GbE/FC	850	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.3	0 - 70	No	0.5
SFP-G-MMX	SFP Extended Multimode	GbE/FC	1310	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.3	0 - 70	No	2
SFP-G-LX	SFP Singlemode	GbE/FC	1310	-10	-6	-3	-18	-3	5	8	3.3	0 - 70	No	10
SFP-GD-LX	SFP Singlemode	GbE/FC	1310	-9	-5	-3	-22	-24	13	19	3.3	0 - 70	Yes	10
SFP-GD-ELX	SFP Singlemode	GbE/FC	1310	-7	-5	-3	-24	-26	17	21	3.3	0 - 70	Yes	25
SFP-GD-XD	SFP Singlemode	GbE/FC	1550	-5	-2.5	0	-24	-26	19	23.5	3.3	0 - 70	Yes	50
SFP-GD-ZX	SFP Singlemode	GbE/FC	1550	0	2	5	-24	-26	24	28	3.3	0 - 70	Yes	80

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