



10 Gigabit XFP Transceivers



Features

- Supports data rates from 9.95 Gbps to 10.7 Gbps, including 10-Gig Ethernet, SONET and Fibre Channel
- Hot-pluggable
- Maximum link length 40 km
- Digital Diagnostics
- MSA compliant

Overview

MRV Communications' XFP transceivers provide the high speeds and physical compactness that today's demanding networks require while delivering the deployment flexibility and inventory control that network administrators demand. Designed to Multi-Source Agreement (MSA) standards for broadest compatibility, they are a perfect match to MRV's wide range of optical transport solutions. Of special note is the Multimode Extender (MMX) XFP, which employs advanced modal conditioning technology to achieve link distances of up to 750 m over existing 62.5µm or 50µm multimode fiber, some 2.5x the typical maximum distance of 300 m.

	Part Number	Description	Protocol	Wavelength (nm)	Output Power (dBm)		Receiver Sensitivity (dBm)	Link Budget (dB)	Saturation Power (dBm)	Max. Power Dissipation (W)	Operating Case Temp. Range (°C)	Distance (km)
					Min.	Max.						
Ordering Info	XFP-10GD-SX	XFP Multimode	OC192 SR-1, STM-I-64.1, 10-GbE, 10-GFC	850	-7	-1	-11	4	-1	2.5	-5 to 70	.3
	XFP-10GD-MMX	XFP Extended Multimode	OC192 SR-1, STM-I-64.1, 10-GbE, 10-GFC	1310	-6	-1	-13	7	0.5	2.5	-5 to 70	.5
	XFP-10GD-LR	XFP Singlemode	OC192 SR-1, STM-I-64.1, 10-GbE, 10-GFC	1310	-6	-1	-13	7	0.5	2.5	-5 to 70	10
	XFP-GD-IR2	XFP Singlemode	OC192 SR-1, STM-I-64.1, 10-GbE, 10-GFC	1550	-1	2	-16	15	-1	3.5	-5 to 70	40
	XFP-10GD-LR2	XFP Singlemode	OC192 SR-1, STM-I-64.1, 10-GbE, 10-GFC	1550	0	4	-24	24	-7	3.5	0 to 70	80

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