

Datasheet

CWDM OC-48/STM-16 SFP Transceiver



Features

- OC-48/STM-16 compatible
- ITU G.694.2 CWDM wavelengths
- 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 CWDM 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 optic networks.

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

Ordering Info	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-48DWIR-xx*	CWDM SFP Singlemode	OC-48	1470-1610	-5	-2.5	0	-20	-22	15	19.5	3.3	0 - 70	Yes	50

* "xx" refers to specified wavelength. Use Wavelength Guide below when ordering.

Wavelength Guide (nm)							
xx	Wavelength (nm)	xx	Wavelength (nm)	xx	Wavelength (nm)	xx	Wavelength (nm)
31	1310	39	1390	47	1470	55	1550
33	1330	41	1410	49	1490	57	1570
35	1350	43	1430	51	1510	59	1590
37	1370	45	1450	53	1530	61	1610

MRV has more than 50 offices throughout the world. Addresses, phone numbers, and fax numbers are listed at www.mrv.com. Please e-mail us at sales@mrv.com or call us for assistance.

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