Multimode to Single Mode

Features
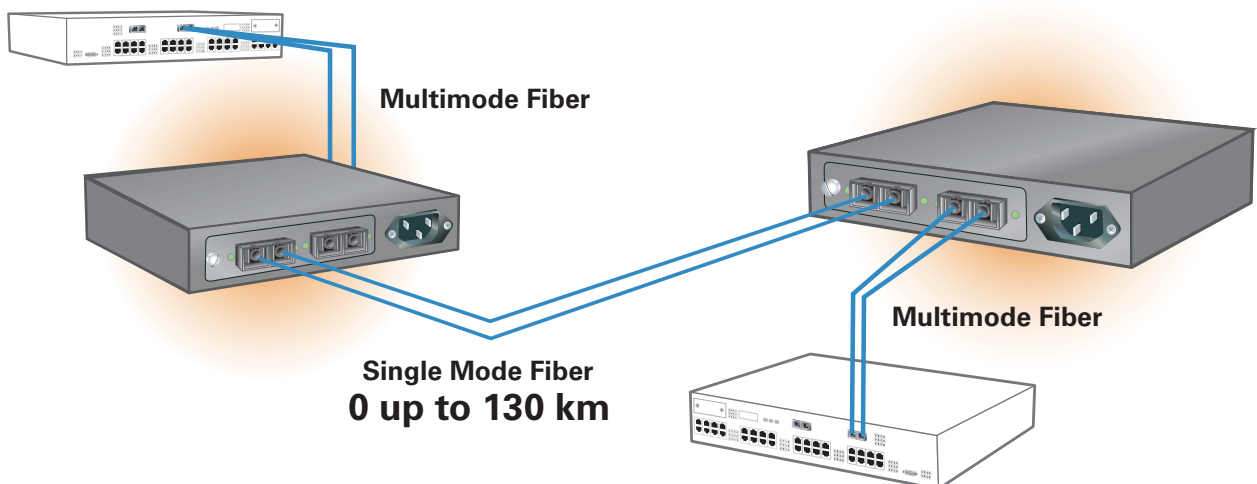
○ Converts Multimode fiber to Single Mode fiber

○ Extend links to up to 130 km on Single Mode fiber

○ Hot swappable

○ SNMP managed

○ SONET OC-3 and Gigabit Ethernet protocol support

○ Compatible with all the appropriate protocol standards

○ Fits in all Fiber Driver chassis

Overview

The Fiber Driver® collection of Multimode to Single Mode converters allow network managers to connect between Multimode and Single Mode fiber. Conversion to Single Mode fiber can extend the transmission distance to over 100 km. Protocols covered by this group of modules include SONET OC-3 and Gigabit Ethernet.

Multimode to Single Fiber Single Mode modules can be found in the group of Single Fiber modules.

For additional information, including pricing and availability, contact your MRV Communications sales representative today.

Multimode Fiber

Multimode Fiber

Single Mode Fiber
0 up to 130 km

Physical Specifications: Multimode to Single Mode

Operating Temperature:	0º to 50º C / 32º to 122º F
Storage Temperature:	-10º to 60º C / -14º to 140º F
Relative Humidity:	85% maximum, non-condensing
Phisical Dimensions:	25 mm x 75 mm x 175 mm deep (1" x 3" x 7" deep), 1-Slot
Weight:	120 - 240 g (4.2 - 8.5 oz) depending on configuration
Standards Compliance:	FCC-PART 15, SUBPART B 1999, CLASS A. CE MARK - EN 50081-1:1992;
	EN 50082:1997; EN 55024:1998; EN 55022:1998. AS/NZS 3548:1995

Ordering Info

Part Number	Description	Protocol	Connectors* Port/Link	Wavelength Input/Output (nm)	Minimum Loss Budget (dB)	Link Distance Range** (km)
DUAL FIBER						
EM316G/MX	Gigabit Ethernet MM to Extended MM	Gigabit Ethernet	DSC/DSC	850 / 1310	N/A	0 - 2
SINGLE FIBER						
EM316GSF/MX	Gigabit Ethernet MM to Ext. MM SF	Gigabit Ethernet	DSC/SC-APC	850 / 1310	N/A	0 - 2
DUAL WAVELENGTH SINGLE FIBER						
EM316WO3C/S2 **EM316W03T/S2**	2 Wavelength WDM, OC-3M to SF SM	SONET OC-3	DSC	850 / 1310, 1550	15 (@1310 nm)	0 - 30
EM316W03C/S3 **EM316W03T/S3**	2 Wavelength WDM, OC-3M to SF SM	SONET OC-3	DSC	850 / 1310, 1550	22 (@1310 nm)	20 - 45
EM316W03C/EZX **EM316W03T/EZX**	2 Wavelength WDM, OC-3M to SF SM	SONET OC-3	DSC	850 / 1550, 1590	32 (@1550 nm)	30 - 130
EM316WGCLC/S2 **EM316WGCLT/S2**	Gigabit Ethernet MM to Single Fiber SM	Gigabit Ethernet	RJ-45/SC	850 / 1310, 1550	12 (@1310 nm)	0 - 25
EM316WGCLC/S3 **EM316WGCLT/S3**	Gigabit Ethernet MM to Single Fiber SM	Gigabit Ethernet	RJ-45/SC	850 / 1310, 1550	24 (@1310 nm)	25 - 50
EM316WGCLC/EZX **EM316WGCLT/EZX**	Gigabit Ethernet MM to Single Fiber SM	Gigabit Ethernet	RJ-45/SC	850 / 1310, 1550	30 (@1550 nm)	30 - 120

*Default connectors listed, DST optional
**Distances are approximate and assume 9µ SM and 62.5µ MM

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.