stand-alone media converter

SFMFF4040-100

Optical Line Converter

Small Form Factor Pluggable Conversion

Enterprise Application

Router   Switch
SFMFF4040-100
Multimode 850 nm   Single Mode 1310 nm or
any CWDM 1270 to 1610 nm

Service Provider Application

CWDM Mux/Edge Switch
Router
SFMFF4040-100
CWDM 1270 to 1610 nm
Multimode 850 nm
CFMFF4040-100 Chassis Cards
Router
SFMFF4040-100
Up to 19 connections
Single Mode 1310 nm
Multimode 850 nm

Ordering Information

SFMFF4040-100
SFP Slot (empty) to SFP Slot (empty)

Optional Accessories (sold separately)

SFP Modules

Wide Input (24 - 60 VDC) Power Supplies
SPS-2460-PS or SPS-2460-SA

Mounting Options

RMS19-SA4-01
4-Slot Media Converter Shelf

E-MCR-05
12-Slot Media Converter Rack

WMBD
DIN Rail Mount Bracket 5.0" [127 mm]

WMBL
Wall Mount Bracket 4.0" [102 mm]

▸ Universal platform to accommodate any optical conversion options available via SFP interfaces

▸ SFP Multi-rate Transponder

▸ Provides wavelength conversion while maintaining the same data rate
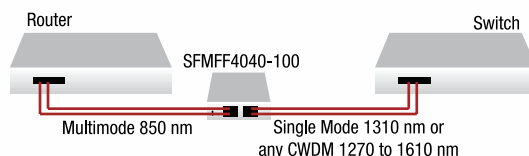
▸ Protocol Transparency

These converters offer an excellent upgrade path for networks. Today's Fast Ethernet applications can be upgraded to Gigabit speeds tomorrow with a simple SFP swap. The converter remains installed, managed and fully operational at any of these speeds.

Using two similar data rate SFP modules allows for seamless connectivity between different wavelengths or fiber modes for speeds up to 2.5 Gbps. Protocol independence allows for use in a broad range of applications including Fast and Gigabit Ethernet, FDDI, ESCON, SONET OC-3, OC-12, OC-48 and Fiber Channel.
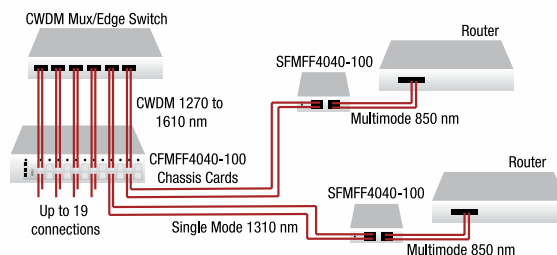
Features

▸ CWDM and DWDM SFP-ready platform

▸ Link Pass Through

▸ Automatic Link Restoration

Specifications

Standards	Multi-Source Agreement (MSA), Small Form Factor Pluggable (SFP)
Status LEDs	**LK1:** Link on Port 1 **LK2:** Link on Port 2 **PWR:** Power
Dimensions	**Width:** 3.25" [83 mm] **Depth:** 4.8" [122 mm] **Height:** 1.0" [25 mm]
Power Consumption	2 Watts with TN-SFP-xx modules installed
Power	External AC/DC required: 12 VDC 0.5A
Environment	**SFMFF4040-100 Board:** -10 – 60°C operating temp; See SFP Module temperature ratings; 5% to 95% humidity (non-condensing); 0 – 10,000 ft.
Safety Compliance	Wall Mount Power Supply: UL listed and CSA certified
Regulatory Compliance	FCC Class A; EN55024 (CISPR 22) Class A; ICES-003; CISPRB; CE Mark
Warranty	Lifetime

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