MERIDIAN
TECHNOLOGIES

Optical Wavelength Converter with Small Form Pluggable (SFP) Optical Devices

MM Fiber INPUT
MM Fiber OUTPUT
SM Fiber INPUT
SM Fiber OUTPUT

WAVELENGTH CONVERTER

FEATURES:

- One slot card/module designs
- Available for use with either OS1, OS2, OM1, OM2, OM3, and OM4 fiber
- LC, SC - SFP dependent
- Hot swappable cards

CONFIGURATIONS:

This CX-1x1-SFP product is available as rack mount card or stand-alone module that can be installed in any of Meridian's desk chassis or in our standard 19" racking frames. This product can be converted to stand-alone module by utilizing SR-500 series chassis.

Optical

Data Rate	SFP - dependent
Optical Input range	SFP - dependent

Indicators

Count	Color	Description
2	Green	Tx Laser driver Normal
2	Green	Rx Optical signal Present

Physical

Card	one slot card
Dimensions	20 (W) x 127 (D) x 160 (H) mm (0.8 x 5.0 x 6.3 inch)
Weight	~ 450 grams (16 Oz.)
No. of Slots	1
Module	See SR-500 Brochure

Environmental

Operating Temperature	-34ºC to +74ºC
Storage Temperature	-40ºC to ~ +85ºC
Relative Humidity	0 to 95% Non-condensing

DESCRIPTION:

This CX-1x1-SFP module is Optical Wavelength Converter with ability to convert from two fiber multimode signals to two fiber singlemode signals and vise versa. Also, conversion from two fiber to one fiber system and inversely are applicable.

This product incorporates the industry standard Small Form Pluggable (SFP) optical modules. Various fiber types and wavelengths can be selected by simply plugging in the appropriate SFP module.

This unit is compatible with all Meridian products as well as many other fiber transmission products in the market.

Note: User can select Wavelength and Data Rate at the time of ordering. See the MX-1x1-SFP data sheet for the stand-alone module version of this product.

MARKETS:

√ Security and surveillance
√ Fiber protection systems
√ AV & Broadcast systems
√ Access Control
√ Video /Audio distribution & transport systems
√ Intelligent transportation systems (ITS)

Part Number Diagram

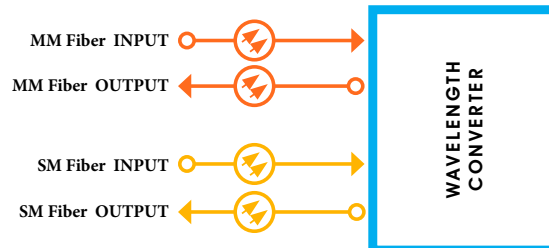## CX – 1x1 – SFP

OPTICAL WAVELENGTH CONVERTER

SFP WAVELENGTHS

SFP OPTIONS:

The SFP series products are available for both singlemode and multimode fiber applications and ether one or two fiber versions.

For more specifications on a SFP optical devices go to SFP data sheet clicking   or go to:

WWW.MERIDIAN-TECH.COM -> PRODUCTS -> ACCESSORIES -> SFP OPTICAL DEVICES

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