

Optical Wavelength Converter



FEATURES:

- One slot card/module designs
- Available for use with either 62.5/125 & 50/125µm fiber
- ST or FC optical connectors
- Hot swappable cards

CONFIGURATIONS:

This CX-1x1-x/xy 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	155/1250/4250 Mb/s
Optical Input range (SM)	1270nm - 1610nm

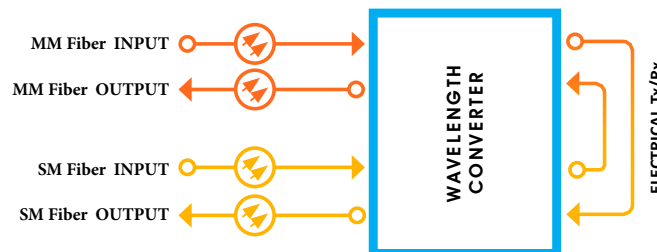
Physical

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

Meridian Optical code	Description
0	MM, 850nm Laser, 2 Fibers
1	MM, 1300nm Laser, 2 Fibers
3	SM, 1310nm FP Laser, 2 Fibers
4	SM, 1550nm FP Laser, 2 Fibers
5	SM, 1310nm/1550nm FP Laser, 1 Fiber
7	SM, 1550nm DFB Laser, 2 Fibers
9	SM, 1310nm DFB Laser, 2 Fibers
11	MM, 1310nm/1550nm FP Laser, 1 Fiber
14	MM, 1550nm/1310nm FP Laser, 1 Fiber
19	SM, 1550nm/1310nm FP Laser, 1 Fiber
CWDM*	1270nm - 1610nm CWDM DFB Lasers*



DESCRIPTION:

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

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.

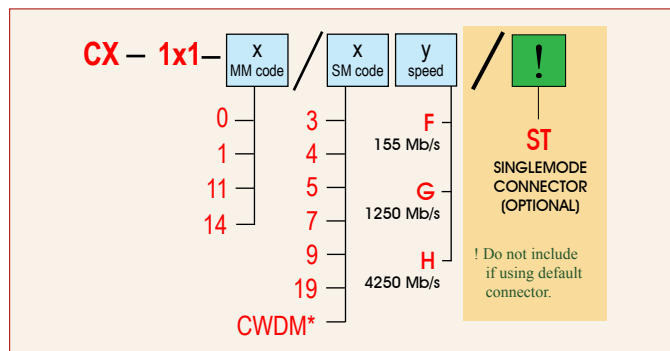
MARKETS:

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

Connectors

Optical	ST for MM fiber (default) FC for SM fiber (default)
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PART NUMBER DIAGRAM



* See Meridian's Part Number Guide for CWDM Lasers details