

Overview

CWDM XFPs (10G Small Form-factor Pluggable) are compact optical transceiver modules used in communications over fiber optic cables and are designed to support SONET/SDH, 10 Gigabit Ethernet, and 8G Fiber Channel communication standards over Plexstar DWDM products. Plexstar also manufactures compatible XFP transceivers which can be alternatives to those branded by Cisco, HP, and Juniper etc.

Model:

All XFPs are available for 20, 40, 60 and 80 km fiber length and data rate up to 10G.

Made for DWDM116, DWDM116P

- PLX-SXD3-01-40, PLX-SXD3-02-40, PLX-SXD3-03-40, PLX-SXD3-04-40
- PLX-SXD3-05-40, PLX-SXD3-06-40, PLX-SXD3-07-40, PLX-SXD3-08-40
- PLX-SXD3-09-40, PLX-SXD3-10-40, PLX-SXD3-11-40, PLX-SXD3-12-40
- PLX-SXD3-13-40, PLX-SXD3-14-40, PLX-SXD3-15-40, PLX-SXD3-16-40

Made for DWDM116B-E, DWDM116B-W products

- PLEX-SXD3-01-40E, PLEX-SXD3-02-40E, PLEX-SXD3-03-40E, PLEX-SXD3-04-40E
- PLEX-SXD3-05-40E, PLEX-SXD3-06-40E, PLEX-SXD3-07-40E, PLEX-SXD3-08-40E
- PLEX-SXD3-09-40E, PLEX-SXD3-10-40E, PLEX-SXD3-11-40E, PLEX-SXD3-12-40E
- PLEX-SXD3-13-40E, PLEX-SXD3-14-40E, PLEX-SXD3-15-40E, PLEX-SXD3-16-40E
- PLEX-SXD3-01-40W, PLEX-SXD3-02-40W, PLEX-SXD3-03-40W, PLEX-SXD3-04-40W
- PLEX-SXD3-05-40W, PLEX-SXD3-06-40W, PLEX-SXD3-07-40W, PLEX-SXD3-08-40W
- PLEX-SXD3-09-40W, PLEX-SXD3-10-40W, PLEX-SXD3-11-40W, PLEX-SXD3-12-40W
- PLEX-SXD3-13-40W, PLEX-SXD3-14-40W, PLEX-SXD3-15-40W, PLEX-SXD3-16-40W



Specification

Interface:

- Data-rate up to 10 Gbps.
- Wavelength: Various.
- Temperature Range: Commercial, Extended, Industrial.
- Distance: 20, 40, 60, 80 km.
- Built-in digital diagnostic functions.
- Hot-swappable and protocol-independent.
- Duplex LC connector Interface.
- Class 1 FDA and IEC60825-1 Laser Safety Compliant.
- Compliant with SFP MSA.
- Compliant with SFF-8472.

Power:

- Single 3.3V power supply.

Physical Dimension:

- Height 8.5 mm (0.33 inches)
- Width 13.4 mm (0.53 inches)
- Depth 56.5 mm (2.22 inches)

Applications

Made for the following Plexstar DWDM products:

- WDM116, WDM116P, DWDM116B-E, DWDM116B-W

Protocols and Bitrate:

- 10 Gigabit Ethernet Interface
- TM64/OC192 Optical Interface
- 10 Gigabit OTN
- 8G FC Optical Interface