

Overview

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

Model:

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

Made for DWDM116, DWDM116P

- PLX-SD3-01-40, PLX-SD3-02-40, PLX-SD3-03-40, PLX-SD3-04-40
- PLX-SD3-05-40, PLX-SD3-06-40, PLX-SD3-07-40, PLX-SD3-08-40
- PLX-SD3-09-40, PLX-SD3-10-40, PLX-SD3-11-40, PLX-SD3-12-40
- PLX-SD3-13-40, PLX-SD3-14-40, PLX-SD3-15-40, PLX-SD3-16-40

Made for DWDM116B-E, DWDM116B-W products

- PLX-SXD3-01-40E, PLX-SXD3-02-40E, PLX-SXD3-03-40E, PLX-SXD3-04-40E
- PLX-SXD3-05-40E, PLX-SXD3-06-40E, PLX-SXD3-07-40E, PLX-SXD3-08-40E
- PLX-SXD3-09-40E, PLX-SXD3-10-40E, PLX-SXD3-11-40E, PLX-SXD3-12-40E
- PLX-SXD3-13-40E, PLX-SXD3-14-40E, PLX-SXD3-15-40E, PLX-SXD3-16-40E
- PLX-SXD3-01-40W, PLX-SXD3-02-40W, PLX-SXD3-03-40W, PLX-SXD3-04-40W
- PLX-SXD3-05-40W, PLX-SXD3-06-40W, PLX-SXD3-07-40W, PLX-SXD3-08-40W
- PLX-SXD3-09-40W, PLX-SXD3-10-40W, PLX-SXD3-11-40W, PLX-SXD3-12-40W
- PLX-SXD3-13-40W, PLX-SXD3-14-40W, PLX-SXD3-15-40W, PLX-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
- STM64/OC192 Optical Interface
- 8G FC Optical Interface