

PRODUCT NEWS

New Signamax 1000Base Single-Fiber Bi-Directional SFP Modules



The Signamax 065-79LXnWDMx1550 series models are Small Form-factor Pluggable (SFP) multimode fiber modules that support Gigabit Ethernet or SONET OC-12 over a single strand of singlemode fiber cable at distances up to 10 kilometers. There are two types of models in this series: one transmits at 1310 nm and receives at 1550 nm (model 065-79LXnWDMA1550), and the other transmits at 1550 nm and receives at 1310 nm (model 065-79LXnWDMB1550). These modules are designed to be used in pairs facing each other across a single strand of singlemode fiber. The “n” in the part number refers to the first digit of the typical distance spanned in kilometers (1 = 10 km). They are a cost-effective method of providing changeable Gigabit Ethernet or SONET OC-12 single-fiber singlemode interfaces to switches and media converters equipped with a standard SFP slot.

Applications

- Metro Access Rings
- Point-to-Point networking
- 1x Fiber Channel
- Gigabit Ethernet
- Suitable for Fast Ethernet and OC-12 transmission

Key Features

- RoHS Compliant
- Operation Temperature: 0~+70 °C
- Up to 60 Km link distance models are also available (indicative only**)
- Hot pluggable
- Metal enclosure, low EMI
- Single 3.3V power supply
- Low Power Dissipation

Ordering Information

Part Number	Description
065-79LX1WDMA1550	WDM 1.25 Gbps SFP Module Tx: 1310 nm / Rx: 1550 nm – SM/LC Simplex, 10 km
065-79LX1WDMB1550	WDM 1.25 Gbps SFP Module Tx: 1550 nm / Rx: 1310 nm – SM/LC Simplex, 10 km
065-79LX2WDMA1550	WDM 1.25 Gbps SFP Module Tx: 1310 nm / Rx: 1550 nm – SM/LC Simplex, 20 km
065-79LX2WDMB1550	WDM 1.25 Gbps SFP Module Tx: 1550 nm / Rx: 1310 nm – SM/LC Simplex, 20 km
065-79LX4WDMA1550	WDM 1.25 Gbps SFP Module Tx: 1310 nm / Rx: 1550 nm – SM/LC Simplex, 40 km
065-79LX4WDMB1550	WDM 1.25 Gbps SFP Module Tx: 1550 nm / Rx: 1310 nm – SM/LC Simplex, 40 km
065-79LX6WDMA1550	WDM 1.25 Gbps SFP Module Tx: 1310 nm / Rx: 1550 nm – SM/LC Simplex, 60 km
065-79LX6WDMB1550	WDM 1.25 Gbps SFP Module Tx: 1550 nm / Rx: 1310 nm – SM/LC Simplex, 60 km

Downloadable links for summary and detailed specifications with product photos are found at:
<http://www.signamax.com/sfp-interface-modules>