

# 1000BASE-EX SFP 1310nm 40km



## Popular Compatibility Options

Vendor	Part Code
Wire	1000BASE-EX1310-WR
Cisco	GLC-EX-SMD
Cisco	MGBLH1
Juniper	SFP-1GE-EX-40
HPe	JD061A
Arista	SFP-1G-EX-40
Brocade	E1MG-EX-40
Dell	SFP-LX-40
Extreme	I-MGBIC-GLX-40
Allied Telesis	AT-SPLX40
D-Link	DEM-314GT
TRENDnet	TEG-GBS40
75+ other vendors available	

## 1000BASE- EX Specifications

<b>Form Factor:</b>	SFP
<b>Data Rate:</b>	1000Mbps
<b>Tx/Rx Wavelength:</b>	1310nm
<b>Compatible with:</b>	See table
<b>Reach:</b>	40km
<b>Cable Type:</b>	SMF
<b>Interface Type:</b>	SFP
<b>DDM/DOM:</b>	Yes
<b>Connector Type:</b>	Duplex-LC
<b>Power Budget:</b>	-9.5-3dBm
<b>Temperature Range:</b>	0-70°C
<b>Warranty:</b>	Lifetime - See Warranty Document

## Description

This 1000BASE-EX compatible SFP transceiver provides 1G-EX throughput up to 40km over Single-Mode Fibre (SMF) using a wavelength of 1310nm via an LC connector. It is guaranteed to be 100% compatible with the OEM host switch, router or network interface card (NIC). This easy to install, hot swappable transceiver has been programmed, uniquely serialized and application tested to ensure that it will initialize and perform identically to the OEM Transceiver. Digital Optical Monitoring (DOM) support is also present to allow access to real-time operating parameters. We stand behind the quality of our products and proudly offer a lifetime warranty.

## 1000BASE-EX Features

- Hot pluggable SFP footprint
- Protocol- SFF-8472 IEEE 802.3AH-2004
- RoHs-6 compliant
- Built-in digital diagnostic function
- Compliant with OEM vendor multi-source agreement

## Testing

**Compatibility Tested:** Each transceiver is tested in an original host switch for recognition (Loop back test)

**Performance Tested:** Tested over an optical connection of the intended distance. Recreated in the lab using a bit fibre spool method

**100% Testing of all Transceivers:** No Batch Testing (1-10%)