

# 10GBASE-ER SFP+ 1310nm 40km



## Popular Compatibility Options

Vendor	Part Code
Wire	10GBASE-ER1310-WR
Cisco	SFP-10G-ER40
Juniper	EX-SFP-10GE-ER40
Huawei	SFP-10G-ER-1310
Arista	SFP-10G-ER40
Brocade	10G-SFPP-ER40
Ciena	12275
Dell	330-2404-40
Mellanox	Avaya
Avago	D-Link
Extreme	Alcatel-Lucent
Allied Telesis	Net Gear
75+ other vendors available	

## 10GBASE- ER Specifications

<b>Form Factor:</b>	SFP+
<b>Data Rate:</b>	10G
<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 Supply:</b>	3.3V
<b>Temperature Range:</b>	0-70°C
<b>Warranty:</b>	Lifetime - See Warranty Document

## Description

This 10G-ER compatible SFP+ transceiver provides 10GBASE-ER 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 host OEM 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.

## 10GBASE- ER Features

- Hot pluggable SFP+ footprint
- Supports 9.995 to 10.5 Gb/s bit rates
- 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%)