

10GBASE-ER SFP+ 1550nm 40km



Popular Compatibility Options

| Vendor | Part Code |
|-----------------------------|-------------------|
| Wire | 10GBASE-ER1550-WR |
| Cisco | SFP-10G-ER |
| Juniper | EX-SFP-10GE-ER |
| Juniper | QFX-SFP-10GE-ER |
| HPe | J9153A |
| Huawei | SFP-10G-ER |
| Arista | SFP-10G-ER |
| Brocade | 10G-SFPP-ER |
| Extreme | 10GB-ER-SFPP |
| Dell | 430-4585 |
| Ciena | XCVR-S40V55 |
| Avaya | AA1403013-E6 |
| 75+ other vendors available | |

10GBASE- ER Specifications

| | |
|---------------------------|----------------------------------|
| Form Factor: | SFP+ |
| Data Rate: | 10G |
| Tx/Rx Wavelength: | 1550nm |
| Compatible with: | See Table |
| Reach: | 40km |
| Cable Type: | SMF |
| Interface Type: | SFP+ |
| DDM/DOM: | Yes |
| Connector Type: | Duplex-LC |
| Power Supply: | 3.3V |
| Temperature Range: | 0-70°C |
| Warranty: | 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 1550nm 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%)