

# 25GBASE-ER SFP28 1310nm 40km

## POPULAR COMPATIBILITY OPTIONS

Vendor	Part Code
Cisco	SFP-25G-ER-S
Cisco	SFP-25-ER-IND
Juniper	EX-SFP-25G-ER
Arista	SFP-25G-ER
Brocade	25G-SFP28-ER
Huawei	SFP28-25G-ER

Dell	Mellanox
Allied Telesis	H3C
Intel	Avago
Extreme	Nortel

75+ other vendors available

## 25GBASE-ER SPECIFICATIONS

Form Factor	SFP28
Data Rate	25G
Tx/Rx Wavelength	1310nm
Compatible	See table on left
Reach	40km
Cable Type	SMF
Interface Type	SFP28
DDM/DOM	Yes
Connector Type	Duplex-LC
Power Supply	3.3V
Temperature Range	0-70°C
Warranty	Lifetime



## 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 fiber spool method
- 100% Testing of all Transceiver- No Batch Testing (1-10%)

## 25GBASE-ER FEATURES

- Hot pluggable SFP+ footprint
- Supports 24.87 to 25.45 Gb/s bit rates
- RoHS-6 compliant
- Built in digital diagnostic function
- Compliant with OEM Vendor multi source agreement

## DESCRIPTION

This 25G-ER compatible SFP28 transceiver provides 25GBASE-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 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.