

100GBASE-ER4 1310nm 40km



Popular Compatibility Options

Vendor	Part Code
Wire	100GBASE-ER4-WR
Cisco	QSFP-100G-ER4L-S
Arista	QSFP-100G-ER4
Juniper	100GBASE-ER4
Mellanox	QSFP28-ER4-100G
Dell	QSFP28-100G-ER4
Brocade	100-GBPS-ER4
Extreme	100GBASE-ER4
Ciena	XCVR-Q30V31
Avago	QSFP28-ER4-100G
Allied Telesis	QSFP28-ER4
D-Link	DEM-Q28X40Q-ER4
75+ other vendors available	

100GBASE-ER Specifications

Form Factor:	QSFP28
Data Rate:	100G
Tx/Rx Wavelength:	1310nm
Compatible with:	See Table
Reach:	40km
Cable Type:	SMF
DDM/DOM:	Yes
Connector Type:	Duplex-LC
Power Supply:	3.3V
Temperature Range:	0-70°C
Warranty:	Lifetime - See Warranty Document

100GBASE-ER Features

- Hot pluggable QSFP28 footprint
- Supports 97.89 to 104.7 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%)

Description

This 100G-ER compatible QSFP28 transceiver provides 100GBASE-ER throughput up to 40km over Single-Mode Fibre (SMF) using a wavelength of 1310nm via an LC Duplex 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.