

40GBASE-ER4 1310nm 40km LC



Popular Compatibility Options

Vendor	Part Code
Wire	40GBASE-ER4-WR
Cisco	QSFP-40G-ER4
Mellanox	MC2210511-ER4
Juniper	QSFP-40G-ER4
Arista	QSFP-40G-ER4
Brocade	40G-QSFP-ER4
HPe	JL306A
Avago	QSFP-40G-ER4
Palo Alto	40GBASE-ER4 QSFP
Huawei	QSFP-40G-ER4
Dell	430-4917-40
Extreme	10335
75+ other vendors available	

40GBASE-ER4 Specifications

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

Description

This 40G-ER4 compatible QSFP+ transceiver provides 40G 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).

It 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.

40GBASE- ER4 Features

- Hot pluggable SFP+ footprint
- Supports 39.995 to 42.5 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 fiber spool method

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