

# 40GBASE-ER 1310nm 40km LC

## POPULAR COMPATIBILITY OPTIONS

Vendor	Part Code
Cisco	QSFP-40G-ER4
Juniper	QSFP-40G-ER4
Mellanox	MC2210511-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

## 40GBASE-ER SPECIFICATIONS

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

75+ other vendors available

### 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%)

### 40GBASE-ER 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

### DESCRIPTION

This 40G-ER 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).

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.

