

40GBASE-LR4 1310nm 10km LC



Popular Compatibility Options

Vendor	Part Code
Wire	40GBASE-LR4-WR
Cisco	QSFP-40G-LR4
Juniper	JNP-QSFP-40G-LR4
Juniper	EX-QSFP-40GE-LR4
Juniper	SRX-QSFP-40G-LR4
Mellanox	MC2210511-LR4
Arista	QSFP-40G-LR4
Brocade	40G-QSFP-LR4
HPe	JG661A
D-Link	DEM-QX10Q-LR4
Avago	QSFP-LR4-40G
Extreme	40GB-LR4-QSFP
75+ other vendors available	

40GBASE- LR4 Specifications

Form Factor:	QSFP+
Data Rate:	40G
Tx/Rx Wavelength:	1310nm
Compatible with:	See Table
Reach:	10km
Cable Type:	SMF
Interface Type:	QSFP+
DDM/DOM:	Yes
Connector Type:	Duplex-LC
Power Supply:	3.3V
Temperature Range:	0-70°C
Warranty:	Lifetime - See Warranty Document

Description

This 40G-LR4 compatible QSFP+ transceiver provides 40GBASE throughput up to 10km over Single-Mode Fiber (SMF) using a wavelength of 1310nm via an duplex-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.

40GBASE- LR4 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%)