

40G QSFP+ Transceiver

Plugin Optics provides the highest quality, best-in-class compatible optical transceivers that are 100% real-world tested in equivalent OEM equipment. Servicing Telecom, Datacenter, and Enterprise markets, our QSFP+ modules provide 40G throughput and guarantee high-density, cost-effective, and low-power data transmission. They are primarily used in datacenter, spine/leaf configuration and access/aggregation applications.



Technical Specifications

Data Rates and Distances

40G/44.8 Ethernet

Reach from 100m to 30km

Standards

RoHS compliant, applicable IEEE standard.

All MSA (multi-source agreement) compliant.

Connector(s)

Duplex LC, MPO-12

Additional Highlights

Available in both standard temperature (0 to 70°C) and industrial temperature (-40 to 85°C).

Warranty

All transceivers feature a limited lifetime warranty.

Compatibility

Notable OEM platforms supported include:

Alcatel/Nokia, Arista, Brocade, Calix, Ciena, Cisco, Ericsson, Juniper, MSA standard and many others.

Please contact us at cx@pluginoptics.com if you do not see your OEM here.

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receiver Sensitivity (dBm)	Power Supply	Power Dissipation
40G QSFP+								
QSFP+-SR-PLO	850	MMF	150m	42G	-6.5/1	-5.4	3.3V	1.5W
QSFP+-BD-PLO	850/900	MMF	150m	41G	-4/5	-3.9	3.3V	3.5W
QSFP+-ESR4-PLO	850	MMF	300m	45.2G	-7.5/2.5	-5.4	1.3V	3.5W
QSFP+-LRL4-PLO	1310	SMF	2km	41.2G	-4.3/4.5	-10.6	3.3V	4.5W
QSFP+-PLRL4-PLO	1310	SMF	2km	45.2G	-6.5/1.5	-10.6	3.3V	3.5W

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QSFP+-LX4-PLO	1310	MMF/SMF	2km	44.8G	-7.5/2.3	-11.5	3.3V	3.5W
QSFP+-PLR4-PLO	1310	SMF	10km	44.8G	-6.2/0.5	-12.6	3.3V	3.5W
QSFP+-LR4-PLO	1310	SMF	10km	41.2G	-6.2/0.5	-12.6	3.3V	3.5W
QSFP+-ER4-PLO	1310	SMF	30km	44.8G	-3.7/4.5	-15.8	3.3V	3.5W