

40G QSFP+ Transceiver

Network Distributors 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 sales@networkdistributors.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	850	MMF	150m	42G	-6.5/1	-5.4	3.3V	1.5W
QSFP+-BD	850/900	MMF	150m	41G	-4/5	-3.9	3.3V	3.5W
QSFP+-ESR4	850	MMF	300m	45.2G	-7.5/2.5	-5.4	1.3V	3.5W
QSFP+-LRL4	1310	SMF	2km	41.2G	-4.3/4.5	-10.6	3.3V	4.5W
QSFP+-PLRL4	1310	SMF	2km	45.2G	-6.5/1.5	-10.6	3.3V	3.5W

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