

SFP MODULE SYSTEM PRODUCTS

40G QSFP+

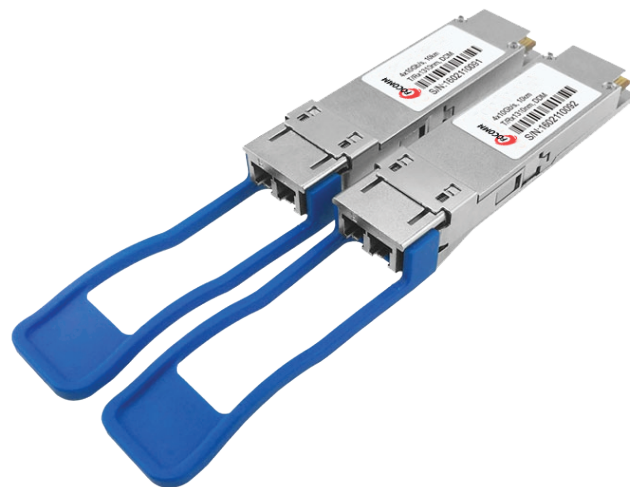


FEATURE

- 4 Parallel lanes design(SR4, ESR4)
- 4 CWDM lanes Mux/Demux design(LR4)
- Compliant with QSFP+ MSA
- Low power design
- Electrically hot-pluggable
- Operating Temperature: 0~70°C

APPLICATIONS

- High-speed interconnects within and between switches, routers and transport equipment
- Server-Server Clusters, Super-computing interconnections
- Proprietary backplanes
- Interconnects rack-to-rack, shelf-to-shelf, board-to-board, board-to-optical backplane
- 40GBASE-LR4 Ethernet links
- 10GBASE-SR applications
- 40GBASE-SR4 applications
- 40GBASE-ER4 Ethernet links
- InfiniBand SDR, DDR and QDR applications



STANDARD

- Compliant to IEEE 802.3ba
- Compliant to SFF-8436
- RoHS Compliant.

DESCRIPTION

Model	Rate	Wavelength	Distance	Optical power	Sensitivity
MC-QSFP+-40G-SR4	40Gbps	850nm	150m	-7.6~1dBm	<-9.5dBm
MC-QSFP+-40G-ESR4	40Gbps	850nm	300m	-7.3~1dBm	<-9.9dBm
MC-QSFP+-40G-IR4-PSM	40Gbps	1310nm	2km	-7.6~0.5dBm	<-11.5dBm
MC-QSFP+-40G-LR4-PSM	40Gbps	1310nm	10km	-6~-1dBm	<-12.6dBm
MC-QSFP+-40G-IR4	40Gbps	CWDM	2km	-7~2.4dBm	<-11.7dBm
MC-QSFP+-40G-LR4	40Gbps	CWDM	10km	-7~2.3dBm	<-13.7dBm

ORDER INFORMATION

PRODUCT	PART NUMBER
QSFP+ SR4, 100m on OM3 Multimode Fiber (MMF)and 150m on OM4 MMF	MC-QSFP+-40G-SR4
QSFP+ SR4, 300 m using OM3 fiber or 400 m using OM4 fiber	MC-QSFP+-40G-ESR4
QSFP+, Multirate 40G PSM4, 1310nm, 2km, SMF, MPO12(APC)	MC-QSFP+-40G-IR4-PSM
QSFP+, Multirate 40G PSM4, 1310nm, 10km, SMF, MPO12(APC)	MC-QSFP+-40G-LR4-PSM
40GBASE-IR4 QSFP+ 1310nm 2km LC DDM Transceiver	MC-QSFP+-40G-IR4
40Gb/s QSFP+ LR4, 10 km on a standard single mode fiber	MC-QSFP+-40G-LR4

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