



QSFP-40G-SR4-S DataSheet

Cisco QSFP-40G-SR4-S S-Class 40GBASE-SR4 QSFP+ transceiver, 850nm, MPO connector, up to 150m over OM4 MMF. Ideal for short-reach 40G Ethernet links in data centers and enterprise networks.

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QSFP-40G-SR4-S Description

QSFP-40G-SR4-S is a Cisco 40GBASE-SR4 S-Class QSFP+ transceiver module designed for high-density, low-power 40 Gigabit Ethernet connectivity. Also referred to as "Cisco 40GBASE-SR4 S-Class module" or "QSFP+ 40G SR4", this module supports up to 100 meters on OM3 and 150 meters on OM4/OM5 multimode fiber, utilizing an MPO-12 connector. It offers a cost-effective solution for data center, enterprise, and high-performance computing networks requiring reliable, short-reach 40G optical links. The S-Class version is optimized for Ethernet applications and does not support FCoE or 4x10G breakout. Fully compliant with IEEE 802.3ba 40GBASE-SR4 standards, the QSFP-40G-SR4-S ensures seamless interoperability and simplified deployment.

Product Highlights

Data Rate
Wavelength
Max. Distance

Model comparison

Parameter	QSFP-40G-SR4-S	QSFP-40G-SR4	QSFP-40G-CSR4
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Form Factor	QSFP+	QSFP+	QSFP+
Data Rate	40 Gbps	40 Gbps	40 Gbps
Wavelength	850 nm	850 nm	850 nm
Connector Type	MPO-12	MPO-12	MPO-12
Fiber Type	OM3/OM4/OM5 MMF	OM3/OM4/OM5 MMF	OM3/OM4/OM5 MMF
Max. Cable Distance	100m (OM3)/150m (OM4)	100m (OM3)/150m (OM4)	300m (OM3)/400m (OM4)
Power Consumption	1.5 W	1.5 W	1.5 W
4x10G Breakout Support	No	Yes	Yes
FCoE Support	No	Yes	Yes
Digital Diagnostics	Yes	Yes	Yes
Operating Temp	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C

Specification

Parameter	Detail	Parameter	Detail
Form Factor	QSFP+	Data Rate	40 Gbps
Wavelength	850 nm	Cable Type	OM3/OM4/OM5 MMF
Connector	MPO-12	Max Distance (OM3/OM4/OM5)	100m / 150m / 150m
Power Consumption	1.5W	Operating Temp.	0°C to 70°C
FEC Required	No	Digital Diagnostics	Yes
Compliance	IEEE 802.3ba, QSFP+ MSA SFF-8436	Dimensions (HxWxD)	13.5 x 18.4 x 72.4 mm
Weight	<100g		

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