

CISCO 100G OPTICAL MODULES

QSFP-100G-LR4-S

100G LR4 QSFP · LC SMF · 10km Reach

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock

QSFP-100G-LR4-S

Product Model	QSFP-100G-LR4-S
Category	Cisco 100G Optical Modules
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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200+

Countries Served

18,000+

Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty

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The QSFP-100G-LR4-S is a Cisco 100GBASE-LR4 QSFP28 transceiver for 100G links of up to 10 km between buildings or rooms over duplex single-mode fiber. The module uses four wavelengths from 1295 to 1309 nm on duplex LC connectors, draws up to 4.0W and operates from 0 to 70°C.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	QSFP-100G-LR4-S	Product type	100GBASE-LR4 QSFP optical transceiver
Cisco ordering description	100GBASE-LR4 QSFP Transceiver, LC, 10km over SMF	Host interface	Cisco 100G QSFP port
Connector type	Duplex LC	Fiber type	Single-mode fiber
Fiber specification	G.652	Data rate	100 Gigabit Ethernet
Maximum cable distance	10km	Optical specification	IEEE 100GBASE-LR4
Signal method	Four-wavelength LR4 optical signaling	FEC behavior	IEEE 100GBASE-LR4 operation does not use FEC
Wavelength lanes	1295, 1300, 1304, and 1309 nm	Transmit power range	+4.5 to -4.3 dBm per lane
Receive power range	+4.5 to -10.6 dBm per lane	Maximum power consumption	4.0W maximum
Pull tab color	Blue	Operating temperature	0 to 70°C
Storage temperature	-40 to +85°C	QSFP connector module dimensions	13.5 x 18.4 x 72.4 mm maximum outer dimensions
QSFP connector module weight	100 grams or less	Patch-cord connector policy	PC or UPC patch cords supported except where Cisco documents APC for PSM4
Standards references	SFF-8665, SFF-8636, IEEE 802.3-2022, IEEE 802.3ba, IEEE 802.3bm	Safety classification	Laser Class 1
Compliance reference	RoHS 6	Compatibility reference	Cisco Optics Compatibility Matrix
Optics interoperability reference	Cisco 100 Gigabit Ethernet Transceiver Modules Interoperability Matrix		

Get Price and Availability for QSFP-100G-LR4-S

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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