

CISCO 100G OPTICAL MODULES

QSFP-100G-ER4L-S

100G ER4-Lite QSFP · LC SMF · 40km Reach

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

QSFP-100G-ER4L-S

Product Model	QSFP-100G-ER4L-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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Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty

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The QSFP-100G-ER4L-S is a Cisco 100G ER4-Lite QSFP transceiver for long 100G links of up to 40km over a duplex LC single-mode fiber pair. The module multiplexes four wavelengths from 1295 to 1309 nm, draws up to 4.5W and operates from 0 to 70 degrees C.

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

Specifications

Product ID	QSFP-100G-ER4L-S	Product type	100G ER4-Lite QSFP optical transceiver
Cisco ordering description	Cisco 100G ER4-Lite QSFP Transceiver, 40KM reach over SMF, Duplex LC	Host interface	Cisco 100G QSFP port
Connector type	Duplex LC	Fiber type	Single-mode fiber
Fiber specification	G.652	Data rate	100 Gigabit Ethernet
Reach with host FEC	40km	Reach without host FEC	30km
Signal method	Four wavelengths with internal multiplexing and demultiplexing	FEC dependency	Full 40km reach requires host FEC
Wavelength lanes	1295, 1300, 1304, and 1309 nm	Maximum power consumption	4.5W maximum
Pull tab color	Red	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
Transmit power range	+6.5 to -2.5 dBm per lane	Receive power range	-3.5 to -20.5 dBm per lane with host FEC; -3.5 to -17 dBm per lane without host FEC
Minimum channel insertion loss	6.4 dB	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
Ordering information source	Cisco 100GBASE QSFP-100G Modules Data Sheet		

Get Price and Availability for QSFP-100G-ER4L-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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