

CISCO OPTICS MODULES

SFP-10/25G-LR-I

10/25GBASE-LR SFP28 · 10 km G.652 SMF · -40 to 85°C Industrial Temperature

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



Product Model	SFP-10/25G-LR-I
Category	Cisco Optics 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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Industrial Temperature

The SFP-10/25G-LR-I is a Cisco 10/25GBASE-LR SFP28 industrial-temperature transceiver for 10G and 25G single-mode links in outdoor cabinets and unconditioned equipment rooms. The 1310 nm optic covers 10 km at either rate over G.652 fiber, or 15 km as an engineered link below 9.3 dB of insertion loss with RS-FEC, and is rated -40 to 85°C.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	SFP-10/25G-LR-I	Cisco ordering description	10/25GBASE-LR SFP28 Module for SMF, Industrial Temp
Form factor	SFP28	Data rate	10G and 25G
Cable type	SMF	Fiber standard	G.652
Wavelength	1310 nm	Cable distance	10 km at 10G and 25G
Engineered link	Up to 15 km with channel insertion loss below 9.3 dB and RS-FEC	Host FEC requirement	RS-FEC on host ports for full reach at 25G
Reach at 25G with reduced FEC	3.5 km with BASE-R FEC, 1.5 km without FEC, depending on fiber quality	CPRI data rate options	7, 8, 9 and 10
Connector type	Dual LC/PC	Patch cord connectors	PC or UPC only; APC not supported
Max power consumption	1.3W	Pull tab / bail latch color	Blue
Transmit power (10G)	+0.5 dBm maximum, -6.7 dBm minimum	Receive power (10G)	+0.5 dBm maximum, -15.9 dBm minimum
Wavelength range (10G)	1260 to 1355 nm	Transmit power (25G)	+2.0 dBm maximum, -5.5 dBm minimum
Receive power (25G)	+2.0 dBm maximum, -14.8 dBm minimum	Wavelength range (25G)	1295 to 1325 nm
Operating case temperature	-40°C to 85°C (-40°F to 185°F), industrial range	Storage temperature	-40°C to 85°C (-40°F to 185°F)
DOM	DOM hardware capable	Platform support	Host list in the Cisco Transceiver Module Group (TMG) Compatibility Matrix
Standards	SFF-8402, SFF-8472, IEEE 802.3-2015, IEEE P802.3by, IEEE P802.3cc	Safety certifications	Laser Class 1 21CFR-1040 LN#50 7/2001; Laser Class 1 IEC60825-1
Environmental compliance	RoHS 6		

Get Price and Availability for SFP-10/25G-LR-I

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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LAYER23-SWITCH