Cisco SFP-10G-LR-S Compatible SFP+ Module, Industrial Temperature Range, 10Gbps, Single Mode Fiber (SMF), 10km [6.2mi], LC Transceiver, 1310nm

Product ID: SFP-10G-LR-S-T-IST



Deploy longreach 10G links with confidence using an uncoded 10GBASELR SFP+ transceiver designed for industrial and nonclimatecontrolled environments. Operating over singlemode fiber at 1310nm, it supports distances up to 10 km (6.2 mi) and delivers stable performance where standardtemperature optics may fail.

Ensure seamless integration across multivendor networks with an Cisco SFP+ module that works with switches and routers supporting uncoded optics. Each unit is individually tested and validated prior to shipment, helping minimize deployment risk and ensure dependable operation in temperatureextreme conditions.

Ideal for factories, outdoor enclosures, transportation systems, remote cabinets, and enterprise edge deployments, this industrialgrade SFP+ transceiver enables robust longreach fiber connectivity while maintaining flexibility across evolving network platforms, supporting scalable, reliable 10G infrastructure.

Certifications, Reports and Compatibility

Applications

• Deploy high-speed fiber connectivity across industrial sites, outdoor enclosures, and edge locations where environmental conditions demand greater module stability

• Standardize deployments across MSA-compliant switches and routers to simplify multi-vendor networks and reduce spare part complexity

• Scale fiber connectivity in data center and edge compute environments supporting high-density switching and

growing bandwidth demands

Features

• Maintain Connectivity in Harsh Environments: Deploy 10G links with confidence in factories, outdoor cabinets, transit systems, and edge sites using an industrialtemperature SFP+ built for stability where standardtemperature modules may fail

• Deliver LongReach 10G Performance: Support highspeed network connections over singlemode fiber with a 10GBASELR SFP+ transceiver (1310nm) rated for 10km (6.2mi) reach with Digital Diagnostic Monitoring (DDM) and ITemp support

• Build Reliable 10G Backbone Links Up to 10km: Cisco SFP-10G-LR-S SFP+ module delivers stable 10G connectivity over single-mode fiber, ideal for data center interconnects, campus networks, and core links

• Minimize Downtime and Costs: Each transceiver is individually calibrated, temperature-tested, and validated before shipment to confirm performance and reliability, helping reduce failures, simplify troubleshooting, and ensure stable long-reach operation

• The IT Pro's Choice: Our SFP modules are engineered for dependable network performance in enterprise, campus, and data center environments; Tested for seamless interoperability and backed by free lifetime 24/5 multi-lingual technical assistance

General		
	UPC	065030925532
	Warranty	1 Year
Power		
	Power Consumption	1.2W
Physical & Environmental		
	Color	Silver
	Product Length	2.3 in [58.4 mm]
	Product Width	0.5 in [13.9 mm]
	Product Height	0.5 in [12.6 mm]
	Weight of Product	1.9 oz [55 g]
	Operating Temperature	-40C to 85C (-40F to 185F)
Performance		
	Max Transfer Distance	10 km (6.2 mi)

	Fiber Type	Single Mode
	Wavelength	1310nm
	Fiber Operating Mode	Full-Duplex
	Digitial Diagnostics Monitoring Support	Yes
	Compatible Networks	10 Gbps
	MTBF	13029315 hours
Hardware		
	Compatible Brand	Cisco
	OEM Part Number	SFP-10G-LR-S
	Industry Standards	IEEE 802.3ae 10GBASE-LR
Packaging & In-the-Box		
	Included in Package	1 - SFP Transceiver
		1 - Product Documentation
	Package Width	3.5 in [90 mm]
	Package Depth	4.4 in [11.2 cm]
	Package Height	1.3 in [32 mm]
	Shipping (Package) Weight	7.8 oz [220 g]

Product appearance and specifications are subject to change without notice.