Cisco QSFP-100G-SR1.2 Compatible QSFP28 Module, 100Gbps Multi Mode Fiber (MMF), 100m [328ft], LC, 850nm/900nm

Product ID: QSFP-100G-SR12-ST



Deploy 100G links with confidence using a QSFP28 transceiver designed for stable operation within a commercial temperature range (0C to 70C). Operating over multimode fiber at 850nm/900nm, it supports distances up to 100m [328ft], and delivers consistent performance across data centers, telecom rooms, and enterprise edge deployments.

Ensure seamless integration across multivendor networks with a QSFP28 module that works with switches and routers supporting optics. Each unit is individually tested and validated prior to shipment, helping minimize deployment risk and ensure dependable operation within commercial temperature conditions.

Ideal for data centers, remote cabinets, and enterprise edge deployments, this QSFP28 transceiver enables robust fiber connectivity while maintaining flexibility across evolving network platforms, supporting scalable and reliable 100G 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

• Build Reliable 100G Backbone Links Up to 100m: QSFP28 module delivers stable 100G connectivity over multi-mode fiber, ideal for data center interconnects, campus networks, and core links that demand consistent throughput

• Monitor Optical Performance: QSFP28 transceiver (850nm/900nm) supports 100m (328ft) multi-mode connectivity and includes Digital Diagnostic Monitoring (DDM) to provide real-time visibility into optical power, temperature, and module health

• Tested for OEM Host Compatibility: Hot-swappable in Cisco routers and switches; DDM support reports the transceiver's status to most SNMP network management tools

• 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 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	065030925495
	Warranty	1 Year
Power		
	Power Consumption	4W
Physical & Environmental		
	Color	Silver
	Product Length	4.6 in [11.8 cm]
	Product Width	0.7 in [19 mm]
	Product Height	0.5 in [12.6 mm]
	Weight of Product	4.9 oz [140 g]
	Operating Temperature	0C to 70C (32F to 158F)
Performance		
	Max Transfer Distance	100m [328ft]

	Fiber Type	Multi Mode
	Wavelength	850nmTX/900nmRX
	Fiber Operating Mode	Half/Full-Duplex
	Digitial Diagnostics Monitoring Support	Yes
	Compatible Networks	100 Gbps
	MTBF	3003300 hours
Hardware		
	Compatible Brand	Cisco
	OEM Part Number	QSFP-100G-SR1.2
	Industry Standards	IEEE 802.3ba 100GBASE-SR1.2
Packaging & In-the-Box		
	Included in Package	1 - QSFP Transceiver
		1 - Product Documentation
	Package Width	5.0 in [12.7 cm]
	Package Depth	7.1 in [18 cm]
	Package Height	1.9 in [48 mm]
	Shipping (Package) Weight	14.8 oz [420 g]

Product appearance and specifications are subject to change without notice.