Gigabit RJ45 Copper SFP Transceiver Module - HP J8177C Compatible

StarTech ID: J8177CST

This HP® compatible Gigabit Copper SFP is engineered by StarTech.com to deliver what you need most in your network connections: reliability. Built to exacting specifications and fully tested to ensure maximum performance, this high-quality SFP transceiver module can be installed into HP networking devices that support the J8177C SFP transceiver module, as well as other major brands of networking equipment.

The RJ45 1000Base-T SFP delivers Gigabit connectivity over a distance of up to 100 m (328 ft.). It provides a dependable and cost-effective way to add, replace or upgrade a copper Ethernet port on your networking equipment, and it's backed by a lifetime warranty. For large-scale requirements and maximum cost savings, this RJ45 copper SFP is also available in a 10-pack: J8177C10PKST.

Built for reliable network performance

This Gigabit RJ45 SFP is manufactured by StarTech.com to meet or exceed OEM specifications and comply with the industry's MSA (Multi-Source Agreement) standards. Committed to the highest standards of quality, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

Fully compatible with HP and other major brands

This Gigabit Copper SFP is engineered to the highest quality standards and is 100% HP compatible, equivalent to the HP J8177C SFP transceiver. The StarTech.com transceiver is configured and fully tested to ensure it works seamlessly with HP or other major brands of networking equipment.

You can be assured that the use of StarTech.com SFP products should not affect the warranty protection of your networking equipment.

Convenient and scalable

Delivering both convenience and scalability, this SFP is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile and convenient solution that's compatible with a wide range of multi- and single-port Gigabit Ethernet networking devices.

Ideal for use in HP switches, routers and other networking equipment, the SFP provides dependable performance, enabling you to expand your network to remote segments cost-effectively. The SFP supports autonegotiation, a maximum distance of up to 100 m (328 ft.), and maximum data rates of up to 1000Mbps.

You can count on J8177CST for reliable performance, backed by a lifetime warranty and free lifetime technical support.

Applications

- Works with Mini-GBIC fiber (MM or SM) and copper (RJ45) slots (NICs, fiber media converters)
- Use in server rooms and data centers to bridge very long distances without fear of EM interference, and to provide a high-bandwidth and low-latency interconnect between backbone network devices (such as switches and routers)
- Provides port flexibility to match your changing needs over time, from copper to fiber

Features

- Delivers reliable RJ45 Ethernet connections for 1000Base-T networks
- 100% HP compatible, equivalent to J8177C
- Backed by lifetime warranty and free lifetime technical support
- Also available in a 10-pack (J8177C10PKST) for maximum cost savings
- Meets or exceeds OEM specifications and MSA (Multi-Source Agreement) industry standards
- RJ45 copper interface
- Maximum distance of up to 100 m (328 ft.)
- Maximum data rates up to 1000Mbps
- Supports autonegotiation
- Hot-pluggable

Technical Specifications

Warranty	Lifetime
Industry Standards	IEEE 802.3ab 1000BASE-T
Auto MDIX	Yes
Compatible Networks	1000 Mbps (1 Gbps)
DDM	No
Max Transfer Distance	100 m (328 ft)
Maximum Data Transfer Rate	1000 Mbps
Local Unit Connectors	1 - RJ-45 Female
System and Cable Requirements	MSA or HP compliant SFP port
System and Cable Requirements	For use in 1 Gigabit networking equipment and media converters
Humidity	30~75% RH
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Color	Silver
Enclosure Type	Aluminum
Product Height	0.6 in [14 mm]
Product Length	2.7 in [68 mm]
Product Weight	0.9 oz [25 g]
Product Width	0.6 in [14 mm]
Shipping (Package) Weight	0.7 oz [20 g]
Included in Package	1 - SFP transceiver

Certifications, Reports and Compatibility

RoHS Compliant
Available

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