

# HP J8177C Compatible SFP Transceiver Module - 1000BASE-T

Product ID: J8177CST



The J8177CST is an HP J8177C compatible copper transceiver module that has been designed, programmed and tested to work with HP® brand switches and routers. It delivers dependable 1 GbE connectivity over fiber cable, for 1000BASE-T compliant networks, with a maximum distance of up to 100 m (328 ft).

## Technical Specifications:

- **Maximum Data Transfer Rate:** 1000 Mbps
- **Type:** Copper
- **Connection Type:** RJ45 Connector
- **Maximum Transfer Distance:** 100 m (328 ft)
- **MTBF:** 4,655,371 hours
- **Power Consumption:** Less than 1.3 Watts
- **Digital Diagnostics Monitoring (DDM):** No

This SFP copper module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

## **StarTech.com SFPs**

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP cables, providing the convenience and reliability you need to ensure dependable network performance.

### Certifications, Reports and Compatibility



### Applications

- Replacing defective or damaged SFP modules in HP switches and routers
- Expand your network to remote segments

### Features

- 100% compatibility with HP J8177C guaranteed
- StarTech.com SFP modules are backed by a lifetime warranty
- Uses a cost-effective cabling alternative to fiber-optic set ups
- Meets or exceeds OEM specifications and Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1.3 W
- Hot-swappable with fiber-optic modules

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	HP
	Industry Standards	IEEE 802.3ab 1000BASE-T
<b>Performance</b>	Auto MDIX	Yes
	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	No
	Max Transfer Distance	100 m (328 ft)
	Maximum Data Transfer Rate	1000 Mbps
	MTBF	4,655,371 hours
	Type	Copper
<b>Connector(s)</b>	Local Unit Connectors	1 - RJ-45 Female
<b>Special Notes / Requirements</b>	System and Cable Requirements	MSA or HP compliant SFP port
		For use in 1 Gigabit networking equipment and media converters
<b>Power</b>	Power Consumption (In Watts)	< 1.3 W
<b>Environmental</b>	Humidity	5~95% 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)
<b>Physical Characteristics</b>	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]
<b>Packaging Information</b>	Shipping (Package) Weight	1.9 oz [53 g]
<b>What's in the Box</b>	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.