

# HPE JD089B Compatible SFP Module - 1000BASE-T - SFP to RJ45 Cat6/Cat5e - 1GE Gigabit Ethernet SFP - RJ-45 100m - HPE 5820AF, 12500, 5500

Product ID: JD089BST



The JD089BST is an HP JD089B 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% HPE JD089B COMPATIBLE: Works with HPE switches like 5820AF, 12500, 5500, E4800, E4500 and others
- TECHNICAL SPECS: 1000BASE-T | 1Gbps | Copper | RJ-45 Connector | Distances up to 100m (328ft)
- TESTED FOR OEM HOST COMPATIBILITY: Hot-swappable in HPE routers and switches
- LIFETIME WARRANTY: Backed by a lifetime warranty on the life of the module itself - not the life of your switch. Our modules won't void your OEM warranty and supported by our Tech Advisors 5/24
- WORKS WITH MSA COMPLIANT SWITCHES: Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	HPE
	Industry Standards	IEEE 802.3i 10BASE-T
		IEEE 802.3ab 1000BASE-T
IEEE 802.3u 100BASE-TX		
<b>Performance</b>	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	DDM	No
	Fiber Operating Mode	Full-Duplex
	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
	Product Height	0.5 in [1.4 cm]
	Product Length	2.7 in [68 mm]
	Product Width	0.5 in [13.7 mm]
	Weight of Product	0.9 oz [25 g]
<b>Packaging Information</b>	Package Height	1.4 in [35 mm]
	Package Length	3.7 in [93 mm]
	Package Width	4.7 in [11.9 cm]
	Shipping (Package) Weight	1.9 oz [54 g]

<b>What's in the Box</b>	Included in Package	1 - SFP transceiver
	Material	Aluminum

Product appearance and specifications are subject to change without notice.