

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.

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

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### Hardware

Warranty	Lifetime
Compatible Brand	HPE
Industry Standards	IEEE 802.3i 10BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3u 100BASE-TX

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### Performance

Maximum Data Transfer Rate	1000 Mbps
Max Transfer Distance	100 m (328 ft)
Type	Copper
Fiber Operating Mode	Full-Duplex
DDM	No
Compatible Networks	10/100/1000 Mbps
MTBF	4,655,371 hours



Power Consumption (In Watts) < 1.3 W

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**Connector(s)**

Local Unit Connectors RJ-45

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**Environmental**

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

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**Physical Characteristics**

Product Length 2.7 in [68 mm]

Product Width 0.5 in [13.7 mm]

Product Height 0.5 in [13.8 mm]

Weight of Product 0.9 oz [25 g]

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**Packaging Information**

Package Length 3.7 in [93 mm]

Package Width 4.7 in [11.9 cm]

Package Height 1.4 in [35 mm]

Shipping (Package) Weight 1.9 oz [54 g]

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**What's in the Box**

Included in Package SFP transceiver

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*\*Product appearance and specifications are subject to change without notice.*

