

## Gigabit Copper RJ45 SFP Transceiver Module - HP 453154-B21 Compatible

StarTech ID: 453154B21ST



This HP® compatible Gigabit Copper SFP is engineered by StarTech.com to deliver what you need most in your network connections: reliable performance. Built to exacting specifications and fully tested to ensure maximum performance, this high-quality SFP transceiver module can be installed into HP BladeSystem® c-Class equipment that supports the HP 453154-B21 module, as well as other major brands of networking equipment.

This 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.

### **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 453154-B21 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 multitude of multi- and single-port Gigabit Ethernet networking devices.

Ideal for use in HP BladeSystem® c-Class and other compatible equipment, the SFP provides reliable performance, enabling you to expand your network to remote segments cost-effectively. The SFP supports auto-negotiation, a maximum distance of up to 100 m (328 ft.), and maximum data rates of up to 1000Mbps.

You can count on 453154B21ST 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 HP 453154-B21
- Supports HP BladeSystem c-Class equipment and other major brands of networking equipment
- Meets or exceeds OEM specifications and MSA (Multi-Source Agreement) industry standards
- Backed by lifetime warranty and free lifetime technical support
- RJ45 copper interface
- Maximum distance of up to 100 m (328 ft.)
- Maximum data rates up to 1000 Mbps
- Supports autonegotiation
- Hot-pluggable

**Technical Specifications**

Warranty	2 Years
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	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)
Color	Silver
Enclosure Type	Aluminum
Product Height	15.7 mm [0.6 in]
Product Length	74.8 mm [2.9 in]
Product Weight	24 g [0.8 oz]
Product Width	15.1 mm [0.6 in]
Shipping (Package) Weight	56 g [2 oz]
Included in Package	1 - SFP transceiver

Certifications, Reports and Compatibility

