

## Juniper SFP-GE10KT13R14 Compatible SFP Module - 1000BASE-BX-U - 1 GbE Gigabit Ethernet BiDi Fiber (SMF)

**Product ID:** SFPGE10KT3R4



The SFPGE10KT3R4 is a Juniper SFP-GE10KT13R14 compatible fiber transceiver module that has been designed, programmed, and tested to work with Juniper brand switches and routers. It delivers dependable 1 GbE connectivity over fiber cable, for 1000BASE-BX10-U compliant networks, with a maximum distance of up to 10 km (6.2 mi).

### Technical Specifications:

- Wavelength: 1310nmTx/1490nmRx
- Maximum Data Transfer Rate: 1000 Mbps (1 Gbps)
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 3,713,222 hours
- Power Consumption: < 1.3W
- Digital Diagnostics Monitoring (DDM): Yes

This SFP fiber 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

### Features

- **100% JUNIPER SFP-GE10KT13R14 COMPATIBLE:** 1 Gigabit Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible Juniper switches and routers to deliver reliable 1GbE connectivity
- **INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE:** This 1 Gigabit Ethernet bi-directional WDM SFP+ transceiver module sends and receives over a single strand of fiber optic cable instead of two
- **TECHNICAL SPECS:** 1000BASE-BX-U 1Gbps 1G Bi-Directional Upstream Single Mode (SMF) LC Connector 1310nmTx/1490nmRx Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **PROGRAMMED & TESTED FOR COMPATIBILITY:** Compatible with Juniper routers and switches. MSA Compliant with DDM that reports the transceiver's status to most SNMP network management tools
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

|                    |                            |
|--------------------|----------------------------|
| Warranty           | Lifetime                   |
| Compatible Brand   | Juniper                    |
| Industry Standards | IEEE 802.3 1000BASE-BX10-U |

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### Performance

|                            |                   |
|----------------------------|-------------------|
| Maximum Data Transfer Rate | 1.00 Gbps         |
| Max Transfer Distance      | 10 km (6.2 mi)    |
| Type                       | Single Mode       |
| Wavelength                 | 1310nmTx/1490nmRx |
| Fiber Operating Mode       | Full-Duplex       |
| DDM                        | Yes               |

|                              |                    |
|------------------------------|--------------------|
| Compatible Networks          | 1000 Mbps (1 Gbps) |
| MTBF                         | 3,713,222 hours    |
| Power Consumption (In Watts) | < 1.3W             |

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**Connector(s)**

|             |                            |
|-------------|----------------------------|
| Connector A | 1 - SFP Slot               |
| Connector B | 1 - Fiber Optic LC Simplex |

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**Physical Characteristics**

|                   |                  |
|-------------------|------------------|
| Product Length    | 2.6 in [65.0 mm] |
| Product Width     | 0.6 in [14.0 mm] |
| Product Height    | 0.5 in [1.2 cm]  |
| Weight of Product | 2.5 oz [72.0 g]  |

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**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Length            | 9.1 in [230.0 mm] |
| Package Width             | 8.1 in [207.0 mm] |
| Package Height            | 0.6 in [15.0 mm]  |
| Shipping (Package) Weight | 2.8 oz [80.0 g]   |

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**What's in the Box**

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|---------------------|---------------------|
| Included in Package | 1 - SFP Transceiver |
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***\*Product appearance and specifications are subject to change without notice.***