

Brocade 10G-SFPP-BXD-40K Compatible SFP+ Module - 10GBASE-BX-D - 10 GbE Gigabit Ethernet BiDi Fiber (SMF)

Product ID: 10G-SFPP-BXD-40K-ST



The 10G-SFPP-BXD-40K-ST is a Brocade 10G-SFPP-BXD-40K compatible downstream fiber SFP transceiver which pairs with StarTech.com's 10G-SFPP-BXU-40K-ST. They are designed, programmed and tested to work with 10GBASE-BX compatible Brocade switches and routers. The SFP+ transceiver module supports a maximum distance of up to 40 km (24.8 mi) and delivers dependable 10 GbE connectivity over fiber cabling.

Technical Specifications:

- Wavelength: 1330nmTx/1270nmRx
- Maximum Data Transfer Rate: 10Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 40 km (24.8 mi)
- MTBF: 646,156,559 hours
- Power Consumption: < 1.6W
- 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% BROCADE 10G-SFPP-BXD-40K COMPATIBLE:** 10 Gigabit Ethernet BiDi Fiber Single Strand SFP+ designed, programmed and tested to work with compatible Brocade switches and routers to deliver reliable 10GbE connectivity
- **INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE:** This 10 Gigabit Ethernet bi-directional WDM SFP+ transceiver module sends and receives over a single strand of fiber optic cable instead of two
- **TECHNICAL SPECS:** 10GBASE-BX-D 10Gbps 10G Bi-Directional Downstream Single Mode (SMF) LC Connector 1330nmTx/1270nmRx Digital Diagnostic Monitoring (DDM) Distances up to 40km (24.8mi)
- **PROGRAMMED & TESTED FOR COMPATIBILITY:** Compatible with Brocade 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

Hardware

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|--------------------|-------------------------|
| Warranty | Lifetime |
| Compatible Brand | Brocade |
| Industry Standards | IEEE 802.3ae 10GBASE-BX |

Performance

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|----------------------------|-------------------|
| Maximum Data Transfer Rate | 10.31 Gbps |
| Max Transfer Distance | 40 km (24.8 mi) |
| Type | Single Mode |
| Wavelength | 1330nmTx/1270nmRx |
| Fiber Operating Mode | Full-Duplex |
| DDM | Yes |

| | |
|------------------------------|-------------------|
| Compatible Networks | 10 Gbps |
| MTBF | 646,156,559 hours |
| Power Consumption (In Watts) | < 1.6W |

Physical Characteristics

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|-------------------|-----------------|
| Product Length | 0.5 in [1.4 cm] |
| Product Width | 2.3 in [5.8 cm] |
| Product Height | 0.5 in [1.3 cm] |
| Weight of Product | 0.8 oz [24 g] |

Packaging Information

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|---------------------------|------------------|
| Package Length | 4.5 in [11.5 cm] |
| Package Width | 3.7 in [9.3 cm] |
| Package Height | 1.3 in [3.3 cm] |
| Shipping (Package) Weight | 1.9 oz [54.0 g] |

What's in the Box

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|---------------------|----------------------|
| Included in Package | 1 - SFP+ Transceiver |
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Warranty Information

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| Warranty | Lifetime |
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****Product appearance and specifications are subject to change without notice.***