

ATGBICS MFEBX1 Cisco SMB Compatible Transceiver SFP 100Base-BX-U (Tx1310nm/Rx1550nm, 10km, SMF, DOM)

Brand : ATGBICS

Product code: MFEBX1-C

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ATGBICS MFEBX1 100Base-BX SFP supports a distance of up to 10km over single mode fibre (SMF) using a wavelength of Tx1310nm/Rx1550nm via an LC connector. This bidirectional unit must be used with another transceiver or network appliance of complimenting wavelengths. Digital optical monitoring (DOM) support is also present enabling real-time monitoring of the parameters of the fibre optic transceiver. Our product meets the specification of Cisco SMBMFEBX1= and we proudly offer a compatibility guarantee and lifetime warranty. Our rigorously tested products record a unique traceable serial number and are fully compliant with all MSA Standards.



| Performance | | Power | |
|--------------------------------------|----------------|-----------------------------------|-------------|
| SFP transceiver type * | Fiber optic | Input voltage | 3.3 V |
| Maximum data transfer rate * | 100 Mbit/s | Maximum voltage | 3.5 V |
| Interface type * | SFP | Power consumption (typical) | 1 W |
| Single-mode fiber (SMF) supported | ✓ | Operational conditions | |
| Multi-mode fiber (MMF) supported | ✗ | Maximum operating temperature | 70 °C |
| Fiber optic connector | LC | Operating temperature (T-T) | 0 - 70 °C |
| SFP transceiver standard | BX-U | Storage temperature (T-T) | -40 - 85 °C |
| Maximum transfer distance | 10000 m | Operating relative humidity (H-H) | 0 - 95% |
| Tx wavelength (max) | 1310 nm | Storage relative humidity (H-H) | 0 - 95% |
| Rx wavelength (max) | 1550 nm | Weight & dimensions | |
| Ethernet LAN | ✓ | Width | 12.7 mm |
| Ethernet interface type | Fast Ethernet | Depth | 55.9 mm |
| Digital Diagnostics Monitoring (DDM) | ✓ | Height | 7.62 mm |
| Features | | Weight | 19 g |
| Product colour | Silver | Packaging data | |
| Housing material | Metal | Number of products included | 1 pc(s) |
| Plug and Play | ✓ | Package type | Box |
| Hot-swap | ✓ | Technical details | |
| Easy to install | ✓ | Sustainability compliance | ✓ |
| Country of origin | United Kingdom | Sustainability certificates | RoHS |
| Brand compatibility | Cisco | Doesn't contain | Lead |
| Certification | CE, FCC, RoHS | | |



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