

ATGBICS SFP-GD-BD43 MRV Compatible Transceiver SFP  
1000Base-BX-U (Tx1490nm/Rx1310nm, 40km, Ind Temp)

Brand : ATGBICS

Product code: SFP-GD-BD43-C

Product name : SFP-GD-BD43 MRV Compatible Transceiver  
SFP 1000Base-BX-U (Tx1490nm/Rx1310nm, 40km, Ind Temp)



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ATGBICS SFP-GD-BD43 MRV Compatible Transceiver SFP 1000Base-BX-U (Tx1490nm/Rx1310nm, 40km, Ind Temp):

ATGBICS SFP-GD-BD43 1000Base-BX SFP supports a distance of up to 40km over single mode fibre (SMF) using a wavelength of Tx1490nm/Rx1310nm via an LC connector. This bidirectional unit must be used with another transceiver or network appliance of complimenting wavelengths. This product is suitable for rugged environments and can operate at temperatures between -40C to +85C. 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 MRVSFP-GD-BD43= 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 *         | 1000 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            | 40000 m          | Operating relative humidity (H-H) | 0 - 95%     |
| Tx wavelength (max)                  | 1490 nm          | Storage relative humidity (H-H)   | 0 - 95%     |
| Rx wavelength (max)                  | 1310 nm          | Weight & dimensions               |             |
| Ethernet LAN                         | ✓                | Width                             | 13.4 mm     |
| Ethernet interface type              | Gigabit Ethernet | Depth                             | 56.5 mm     |
| Digital Diagnostics Monitoring (DDM) | ✓                | Height                            | 8.5 mm      |
| Features                             |                  | Weight                            | 20 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   | Doesn't contain                   | Lead        |
| Brand compatibility                  | MRV              | Compliance certificates           | RoHS        |
| Certification                        | CE, FCC, RoHS    |                                   |             |



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