

## ATGBICS 1442140G-BX53 AdTran Compatible Transceiver SFP 1000Base-BX-D (Tx1550nm/Rx1310nm, 40km, SMF, DOM)

**Brand :** ATGBICS

**Product code:** 1442140G-BX53-C

**Product name :** 1442140G-BX53 AdTran Compatible  
Transceiver SFP 1000Base-BX-D (Tx1550nm/Rx1310nm,  
40km, SMF, DOM)



1442140G-BX53 AdTran Compatible Transceiver SFP 1000Base-BX-D (Tx1550nm/Rx1310nm, 40km, SMF, DOM)

ATGBICS 1442140G-BX53 AdTran Compatible Transceiver SFP 1000Base-BX-D (Tx1550nm/Rx1310nm, 40km, SMF, DOM):

ATGBICS 1442140G-BX53 1000Base-BX SFP supports a distance of up to 40km over single mode fibre (SMF) using a wavelength of Tx1550nm/Rx1310nm 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 AdTran1442140G-BX53= 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 *         | 1250 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-D             | Storage temperature (T-T)         | -40 - 85 °C |
| Maximum transfer distance            | 40000 m          | Operating relative humidity (H-H) | 0 - 95%     |
| Tx wavelength (max)                  | 1550 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                            | 15 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                  | Adtran           | Doesn't contain                   | Lead        |
| Certification                        | CE, FCC, RoHS    |                                   |             |



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Publication date: 18-SEP-2023. Prints or copies of Information are only valid on the printed Publication date