

# SFP-10G-BXU-20-C Datasheet

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|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | SFP-10G-BXU-20-C-DG   |
| Manufacturer                 | <a href="#">ATGBICS</a>   |
| Manufacturer Product Number  | SFP-10G-BXU-20-C  |
| Description                  | 10GB-BX-U SFP+ Tx1270/Rx1330 20k                                  |
| Detailed Description         | Transceiver Module Ethernet 10Gbps 1270nm 3.3V LC Pluggable, SFP+ |

This model SFP-10G-BXU-20-C is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

SFP-10G-BXU-20-C

Series:

-

Data Rate:

10Gbps

Applications:

Ethernet

Connector Type:

LC

Manufacturer:

ATGBICS

Product Status:

Active

Wavelength:

1270nm

Voltage - Supply:

3.3V

Mounting Type:

Pluggable, SFP+

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8517.70.6000

Moisture Sensitivity Level (MSL):

Vendor Undefined

ECCN:

EAR99

ATGBICS®

## ATGBICS SFP-10G-BXU-20 Cisco Compatible Transceiver SFP+ 10GBase-BX-U (Tx1270nm/Rx1330nm SMF 20km LC DOM)



**Brand :** ATGBICS

**Product code:** SFP-10G-BXU-20-C

**Product name :** SFP-10G-BXU-20 Cisco Compatible Transceiver SFP+ 10GBase-BX-U (Tx1270nm/Rx1330nm SMF 20km LC DOM)

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ATGBICS SFP-10G-BXU-20 Cisco Compatible Transceiver SFP+ 10GBase-BX-U (Tx1270nm/Rx1330nm SMF 20km LC DOM):

ATGBICS Cisco compatible SFP-10G-BXU-20 SFP+ 10GBase-BX form factor network transceiver supports a distance of up to 20km over single-mode fibre (SMF) using a wavelength of 1270/1330nm via an LC Simplex connector. This product operates within a commercial temperature range. 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 SFP-10G-BXU-20 and we proudly offer a compatibility guarantee and limited lifetime warranty. Our rigorously tested products record a unique traceable serial number and are fully compliant with all MSA (Multi-Source Agreement) and IEEE standards & protocols.

|                                      |                     |                                   |  |
|--------------------------------------|---------------------|-----------------------------------|--|
| <b>Performance</b>                   |                     | <b>Power</b>                      |  |
| SFP transceiver type *               | Fiber optic         | Power consumption (typical)       | 1 W  |
| Maximum data transfer rate *         | 10000 Mbit/s        | <b>Certificates</b>               |  |
| Interface type *                     | SFP+                | Compliance certificates           | TÜV mark, UKCA, UL, US FDA, REACH, Federal Communications Commission (FCC), RoHS, CE |
| Single-mode fiber (SMF) supported    | ✓                   | Certification                     | CE, FCC, RoHS, REACH   |
| Multi-mode fiber (MMF) supported     | ✗                   | <b>Sustainability</b>             |  |
| Fiber optic connector                | LC                  | Sustainability compliance         | ✓  |
| SFP transceiver standard             | BX                  | Doesn't contain                   | Lead   |
| Maximum transfer distance            | 20000 m             | <b>Operational conditions</b>     |  |
| Wavelength                           | 1330 nm             | Minimum operating temperature     | 0 °C   |
| Tx wavelength (max)                  | 1270 nm             | Maximum operating temperature     | 70 °C  |
| Rx wavelength (max)                  | 1330 nm             | Operating temperature (T-T)       | 0 - 70 °C  |
| Ethernet LAN                         | ✓                   | Storage temperature (T-T)         | -40 - 85 °C  |
| Ethernet interface type              | 10 Gigabit Ethernet | Operating relative humidity (H-H) | 0 - 95%  |
| Fiber ethernet cabling technology    | 10GBASE             | Storage relative humidity (H-H)   | 0 - 95%  |
| Digital Diagnostics Monitoring (DDM) | ✓                   | <b>Weight &amp; dimensions</b>    |  |
| <b>Features</b>                      |                     | Width                             | 13.4 mm  |
| Product colour                       | Silver              | Depth                             | 56.5 mm  |
| Housing material                     | Metal               | Height                            | 8.5 mm   |
| Plug and Play                        | ✓                   | Weight                            | 20 g   |
| Hot-swap                             | ✓                   | <b>Packaging content</b>          |  |
| Easy to install                      | ✓                   | Quantity per pack                 | 1 pc(s)  |
| Brand compatibility                  | Cisco               | <b>Packaging data</b>             |  |
| <b>Power</b>                         |                     | Package type                      | Box  |
| Input voltage                        | 3.3 V               | <b>Logistics data</b>             |  |
| Maximum voltage                      | 3.5 V               | Country of origin                 | United Kingdom   |

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