

# SFP-GIG-BX-U-C Datasheet

www.digi-electronics.com



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	SFP-GIG-BX-U-C-DG
Manufacturer	ATGBICS
Manufacturer Product Number	SFP-GIG-BX-U-C
Description	1GB-BX-U SFP Tx1310/Rx1490 10k
Detailed Description	Transceiver Module Ethernet 1.25Gbps 1310nm 3.3 V LC Pluggable, SFP

This model SFP-GIG-BX-U-C is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

SFP-GIG-BX-U-C

Series:

-

Data Rate:

1.25Gbps

Applications:

Ethernet

Connector Type:

LC

Manufacturer:

ATGBICS

Product Status:

Active

Wavelength:

1310nm

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-GIG-BX-U Alcatel Lucent Compatible Transceiver SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF 10km LC DOM)



**Brand :** ATGBICS

**Product code:** SFP-GIG-BX-U-C

**Product name :** SFP-GIG-BX-U Alcatel Lucent Compatible Transceiver SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF 10km LC DOM)

SFP-GIG-BX-U Alcatel Lucent Compatible Transceiver SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF 10km LC DOM)

ATGBICS SFP-GIG-BX-U Alcatel Lucent Compatible Transceiver SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF 10km LC DOM):

ATGBICS Alcatel Lucent compatible SFP-GIG-BX-U SFP 1000Base-BX form factor network transceiver supports a distance of up to 10km over single-mode fibre (SMF) using a wavelength of 1310/1490nm 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 Alcatel Lucent SFP-GIG-BX-U 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 *	1000 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-U	Doesn't contain	Lead
Maximum transfer distance	10000 m	<b>Operational conditions</b>	
Wavelength	1490 nm	Minimum operating temperature	0 °C
Tx wavelength (max)	1310 nm	Maximum operating temperature	70 °C
Rx wavelength (max)	1490 nm	Operating temperature (T-T)	0 - 70 °C
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 85 °C
Ethernet interface type	Gigabit Ethernet	Operating relative humidity (H-H)	0 - 95%
Fiber ethernet cabling technology	1000BASE	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	Alcatel-Lucent	<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

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

## OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.