

ATGBICS 1442140G2 AdTran Compatible Transceiver SFP
1000Base-BX-U (Tx1310nm/Rx1490nm SMF 40km LC DOM Ind Temp)



Brand : ATGBICS

Product code: 1442140G2-C

Product name : 1442140G2 AdTran Compatible Transceiver
SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF 40km LC
DOM Ind Temp)

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ATGBICS 1442140G2 AdTran Compatible Transceiver SFP 1000Base-BX-U (Tx1310nm/Rx1490nm SMF
40km LC DOM Ind Temp):

ATGBICS AdTran compatible 1442140G2 SFP 1000Base-BX form factor network transceiver supports a distance of up to 40km over single-mode fibre (SMF) using a wavelength of 1310/1490nm via an LC Simplex connector. This product operates within an industrial 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 AdTran 1442140G2 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.

Performance		Power	
SFP transceiver type *	Fiber optic	Power consumption (typical)	1 W
Maximum data transfer rate *	1000 Mbit/s	Certificates	
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	✗	Sustainability	
Fiber optic connector	LC	Sustainability compliance	✓
SFP transceiver standard	BX	Doesn't contain	Lead
Maximum transfer distance	40000 m	Operational conditions	
Wavelength	1490 nm	Minimum operating temperature	-40 °C
Tx wavelength (max)	1310 nm	Maximum operating temperature	85 °C
Rx wavelength (max)	1490 nm	Operating temperature (T-T)	-40 - 85 °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)	✓	Weight & dimensions	
Features		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	✓	Packaging content	
Easy to install	✓	Quantity per pack	1 pc(s)
Brand compatibility	Adtran	Packaging data	
Power		Package type	Box
Input voltage	3.3 V	Logistics data	
Maximum voltage	3.5 V	Country of origin	United Kingdom

Catalog Object Cloud



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