

## ATGBICS 1442140G1-C network transceiver module Fiber optic 1250 Mbit/s SFP

**Brand :** ATGBICS

**Product code:** 1442140G1-C

**Product name :** 1442140G1-C



AdTran Compatible Transceiver, SFP, 1000Base-BX-U, BiDi, Tx1490nm/Rx1310nm, 40km, Ind

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ATGBICS 1442140G1 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 is built to the exact specification of AdTran1442140G1= 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-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 interface type	Gigabit Ethernet	Width	13.4 mm
Digital Diagnostics Monitoring (DDM)	✓	Depth	56.5 mm
Features		Height	8.5 mm
Product colour	Silver	Weight	15 g
Housing material	Metal	Packaging data	
Plug and Play	✓	Number of products included	1 pc(s)
Hot-swap	✓	Package type	Box
Easy to install	✓	Technical details	
Country of origin	United Kingdom	Sustainability certificates	RoHS
Brand compatibility	Adtran		

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