

# 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
		Weight	15 g
Features		Packaging data	
Product colour	Silver	Number of products included	1 pc(s)
Housing material	Metal	Package type	Box
Plug and Play	✓	Technical details	
Hot-swap	✓	Sustainability compliance	✓
Easy to install	✓	Sustainability certificates	RoHS
Country of origin	United Kingdom	Doesn't contain	Lead
Brand compatibility	Adtran		
Certification	CE, FCC, RoHS		



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