

ATGBICS 1442120G1 AdTran Compatible Transceiver SFP  
1000Base-BX-D (Tx1490nm/Rx1310nm, 10km, SMF, DOM)

Brand : ATGBICS

Product code: 1442120G1-C

Product name : 1442120G1 AdTran Compatible  
Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm,  
10km, SMF, DOM)



1442120G1 AdTran Compatible Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm, 10km, SMF, DOM)

ATGBICS 1442120G1 AdTran Compatible Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm, 10km, SMF, DOM):

ATGBICS 1442120G1 1000Base-BX SFP supports a distance of up to 10km 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. 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 AdTran1442120G1= 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 *	1000 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	10000 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 LAN	✓	Width	13.4 mm
Ethernet interface type	Gigabit Ethernet	Depth	56.5 mm
Digital Diagnostics Monitoring (DDM)	✓	Height	8.5 mm
Features		Weight	20 g
Product colour	Silver	Packaging data	
Housing material	Metal	Number of products included	1 pc(s)
Plug and Play	✓	Package type	Box
Hot-swap	✓	Technical details	
Easy to install	✓	Sustainability compliance	✓
Country of origin	United Kingdom	Sustainability certificates	RoHS
Brand compatibility	Adtran	Doesn't contain	Lead
Certification	CE, FCC, RoHS		



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