

## ATGBICS 1FG54 RuggedCom Compatible Transceiver SFP 1000Base-ZX (1550nm, SMF, 70km, LC, DOM, Ind Temp)

Brand : ATGBICS

Product code: 1FG54-C

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ATGBICS 1FG54 RuggedCom Compatible Transceiver SFP 1000Base-ZX (1550nm, SMF, 70km, LC, DOM, Ind Temp):

ATGBICS 1FG54 1000Base-ZX supports a distance of up to 70km over single mode fibre (SMF) using a wavelength of 1550nm via an LC connector. 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 meets the specification of RuggedCom 1FG54= 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)	0.8 W
Single-mode fiber (SMF) supported	✓	Operational conditions	
Multi-mode fiber (MMF) supported	✗	Minimum operating temperature	-40 °C
Fiber optic connector	LC	Maximum operating temperature	85 °C
SFP transceiver standard	ZX	Operating temperature (T-T)	-40 - 85 °C
Maximum transfer distance	70000 m	Storage temperature (T-T)	-40 - 85 °C
Wavelength	1550 nm	Operating relative humidity (H-H)	5 - 95%
Ethernet LAN	✓	Storage relative humidity (H-H)	5 - 95%
Ethernet interface type	Gigabit Ethernet	Weight & dimensions	
Digital Diagnostics Monitoring (DDM)	✓	Width	13.4 mm
Wavelength-division multiplexing (WDM)	✗	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-Plug support	✓	Package type	Box
Hot-swap	✓	Technical details	
Easy to install	✓	Sustainability compliance	✓
Country of origin	United Kingdom	Sustainability certificates	RoHS
Brand compatibility	RuggedCom	Doesn't contain	Lead
Certification	CE, FCC, RoHS		



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