

ATGBICS 3FE53441AC Nokia Compatible Transceiver GPON SFP  
OLT 2.4/1.2GBase B+ (Tx1490nm/RX1310nm SMF 20km SC DOM  
Ind Temp)



Brand : ATGBICS

Product code: 3FE53441AC-C

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GPON SFP OLT 2.4/1.2GBase B+ (Tx1490nm/RX1310nm SMF  
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ATGBICS Nokia compatible 3FE53441AC SFP 2.4GBase-BX form factor network transceiver supports a distance of up to 20km over single-mode fibre (SMF) using a wavelength of 1490/1310nm via an SC 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 Nokia 3FE53441AC 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 *	2400 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	SC	Sustainability compliance	✓
SFP transceiver standard	PON	Doesn't contain	Lead
Maximum transfer distance	20000 m	Operational conditions	
Wavelength	1310 nm	Minimum operating temperature	-40 °C
Tx wavelength (max)	1490 nm	Maximum operating temperature	85 °C
Rx wavelength (max)	1310 nm	Operating temperature (T-T)	-40 - 85 °C
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 85 °C
Ethernet interface type	2 Gigabit Ethernet	Operating relative humidity (H-H)	0 - 95%
Fiber ethernet cabling technology	2GBASE	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	Nokia	Packaging data	
Power		Package type	Box
Input voltage	3.3 V	Logistics data	
Maximum voltage	3.5 V	Country of origin	United Kingdom

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