

ATGBICS AFBR-89BDDZ Avago Broadcom Compatible Transceiver QSFP28 100G BiDi (850/900nm, 70-150m, MMF, LC)

Brand : ATGBICS

Product code: AFBR-89BDDZ-C

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ATGBICS AFBR-89BDDZ 100GBase-SR BD QSFP supports a distance of up to 150m over multi mode fibre (MMF) using a wavelength of 850nm to 900nm via an LC connector. 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 Avago Broadcom AFBR-89BDDZ= 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	Maximum voltage	3.5 V
Maximum data transfer rate *	100000 Mbit/s	Power consumption (typical)	1 W
Interface type *	QSFP28	Certificates	
Single-mode fiber (SMF) supported	✗	Compliance certificates	RoHS
Multi-mode fiber (MMF) supported	✓	Certification	CE, FCC, RoHS
Fiber optic connector	LC	Sustainability	
SFP transceiver standard	SR-Bi	Sustainability compliance	✓
Maximum transfer distance	150 m	Doesn't contain	Lead
Wavelength	900 nm	Operational conditions	
Ethernet LAN	✓	Maximum operating temperature	70 °C
Ethernet interface type	100 Gigabit Ethernet	Operating temperature (T-T)	0 - 70 °C
Digital Diagnostics Monitoring (DDM)	✓	Storage temperature (T-T)	-40 - 85 °C
Wavelength-division multiplexing (WDM)	✓	Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%
Features		Weight & dimensions	
Product colour	Silver	Width	13.5 mm
Housing material	Metal	Depth	72.4 mm
Plug and Play	✓	Height	18.4 mm
Hot-Plug support	✓	Weight	100 g
Hot-swap	✓	Packaging content	
Easy to install	✓	Quantity per pack	1 pc(s)
Brand compatibility	Avago Technologies	Packaging data	
Power		Package type	Box
Input voltage	3.3 V	Logistics data	
		Country of origin	China



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