

ATGBICS AFBR-89CDDZ-ER1 Avago Broadcom Compatible Transceiver QSFP28 100GBase-SR4 (850nm MMF 100m MPO DOM)



Brand : ATGBICS

Product code: AFBR-89CDDZ-ER1-C

Product name : AFBR-89CDDZ-ER1 Avago Broadcom Compatible Transceiver QSFP28 100GBase-SR4 (850nm MMF 100m MPO DOM)

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ATGBICS Avago Broadcom compatible AFBR-89CDDZ-ER1 QSFP28 100GBase-SR4 form factor network transceiver supports a distance of up to 100m over multi-mode fibre (MMF) using a wavelength of 850nm via an MPO-12 connector. This product operates within a commercial 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 Avago Broadcom AFBR-89CDDZ-ER1 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)	4 W
Maximum data transfer rate *	100000 Mbit/s	Certificates	
Interface type *	QSFP28	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	MPO-12	Sustainability compliance	✓
SFP transceiver standard	SR4	Doesn't contain	Lead
Maximum transfer distance	100 m	Operational conditions	
Wavelength	850 nm	Minimum operating temperature	0 °C
Ethernet LAN	✓	Maximum operating temperature	70 °C
Ethernet interface type	100 Gigabit Ethernet	Operating temperature (T-T)	0 - 70 °C
Fiber ethernet cabling technology	100GBASE	Storage temperature (T-T)	-40 - 85 °C
Digital Diagnostics Monitoring (DDM)	✓	Operating relative humidity (H-H)	0 - 95%
Features		Storage relative humidity (H-H)	0 - 95%
Product colour	Silver	Weight & dimensions	
Housing material	Metal	Width	13.5 mm
Plug and Play	✓	Depth	72.4 mm
Hot-Plug support	✓	Height	18.4 mm
Hot-swap	✓	Weight	100 g
Easy to install	✓	Packaging content	
Brand compatibility	Avago Technologies	Quantity per pack	1 pc(s)
Power		Packaging data	
Input voltage	3.3 V	Package type	Box
Maximum voltage	3.5 V	Logistics data	
		Country of origin	China

Catalog Object Cloud



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