

## 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	Input voltage	3.3 V
Maximum data transfer rate *	100000 Mbit/s	Maximum voltage	3.5 V
Interface type *	QSFP28	Power consumption (typical)	1 W
Single-mode fiber (SMF) supported	✗	<b>Operational conditions</b>	
Multi-mode fiber (MMF) supported	✓	Minimum operating temperature	10 °C
Fiber optic connector	LC	Maximum operating temperature	70 °C
SFP transceiver standard	SR-Bi	Operating temperature (T-T)	10 - 70 °C
Maximum transfer distance	150 m	Storage temperature (T-T)	-40 - 85 °C
Wavelength	900 nm	Operating relative humidity (H-H)	0 - 95%
Ethernet LAN	✓	Storage relative humidity (H-H)	0 - 95%
Ethernet interface type	100 Gigabit Ethernet	<b>Weight &amp; dimensions</b>	
Digital Diagnostics Monitoring (DDM)	✓	Width	13.5 mm
Wavelength-division multiplexing (WDM)	✓	Depth	72.4 mm
<b>Features</b>		Height	18.4 mm
Product colour	Silver	Weight	42 g
Housing material	Metal	<b>Packaging data</b>	
Plug and Play	✓	Number of products included	1 pc(s)
Hot-Plug support	✓	Package type	Box
Hot-swap	✓	<b>Technical details</b>	
Easy to install	✓	Sustainability compliance	✓
Country of origin	China	Sustainability certificates	RoHS
Brand compatibility	Avago Technologies	Doesn't contain	Lead
Certification	CE, FCC, RoHS		



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