

E1MG-BXD-C Datasheet

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DiGi Electronics Part Number	E1MG-BXD-C-DG
Manufacturer	ATGBICS
Manufacturer Product Number	E1MG-BXD-C
Description	1GB-BX-D SFP Tx1490/Rx1310 10k
Detailed Description	Transceiver Module Ethernet 1.25Gbps 1490nm 3.3 V LC Pluggable, SFP

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Manufacturer Product Number:

E1MG-BXD-C

Series:

-

Data Rate:

1.25Gbps

Applications:

Ethernet

Connector Type:

LC

Manufacturer:

ATGBICS

Product Status:

Active

Wavelength:

1490nm

Voltage - Supply:

3.3V

Mounting Type:

Pluggable, SFP

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8517.70.6000

Moisture Sensitivity Level (MSL):

Vendor Undefined

ECCN:

EAR99

ATGBICS®

ATGBICS E1MG-BXD Brocade Compatible Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm SMF 10km LC DOM)



Brand : ATGBICS

Product code: E1MG-BXD-C

Product name : E1MG-BXD Brocade Compatible Transceiver
SFP 1000Base-BX-D (Tx1490nm/Rx1310nm SMF 10km LC
DOM)

E1MG-BXD Brocade Compatible Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm SMF 10km LC
DOM)

ATGBICS E1MG-BXD Brocade Compatible Transceiver SFP 1000Base-BX-D (Tx1490nm/Rx1310nm SMF
10km LC DOM):

ATGBICS Brocade compatible E1MG-BXD SFP 1000Base-BX form factor network transceiver supports a distance of up to 10km over single-mode fibre (SMF) using a wavelength of 1490/1310nm via an LC Simplex 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 Brocade E1MG-BXD 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 *	1000 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	LC	Sustainability compliance	✓
SFP transceiver standard	BX-D	Doesn't contain	Lead
Maximum transfer distance	10000 m	Operational conditions	
Wavelength	1310 nm	Minimum operating temperature	0 °C
Tx wavelength (max)	1490 nm	Maximum operating temperature	70 °C
Rx wavelength (max)	1310 nm	Operating temperature (T-T)	0 - 70 °C
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 85 °C
Ethernet interface type	Gigabit Ethernet	Operating relative humidity (H-H)	0 - 95%
Fiber ethernet cabling technology	1000BASE	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	Brocade	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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