

# FN-TRAN-QSFP28-CWDM4-C Datasheet

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DiGi Electronics Part Number	FN-TRAN-QSFP28-CWDM4-C-DG
Manufacturer	<a href="#">ATGBICS</a>
Manufacturer Product Number	FN-TRAN-QSFP28-CWDM4-C
Description	QSFP28 100GBase-CWDM4
Detailed Description	Transceiver Module Ethernet 100Gbps 1310nm 3.3V LC Pluggable, QSFP

This model FN-TRAN-QSFP28-CWDM4-C is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

FN-TRAN-QSFP28-CWDM4-C

Series:

-

Data Rate:

100Gbps

Applications:

Ethernet

Connector Type:

LC

Manufacturer:

ATGBICS

Product Status:

Active

Wavelength:

1310nm

Voltage - Supply:

3.3V

Mounting Type:

Pluggable, QSFP

## 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 FN-TRAN-QSFP28-CWDM4 Fortinet Compatible Transceiver QSFP28 100GBase-CWDM4 (1270 to 1330nm SMF 2km LC DOM)



**Brand :** ATGBICS

**Product code:** FN-TRAN-QSFP28-CWDM4-C

**Product name :** FN-TRAN-QSFP28-CWDM4 Fortinet Compatible Transceiver QSFP28 100GBase-CWDM4 (1270 to 1330nm SMF 2km LC DOM)

FN-TRAN-QSFP28-CWDM4 Fortinet Compatible Transceiver QSFP28 100GBase-CWDM4 (1271/1291/1311/1331nm SMF 2km LC DOM)

ATGBICS FN-TRAN-QSFP28-CWDM4 Fortinet Compatible Transceiver QSFP28 100GBase-CWDM4 (1270 to 1330nm SMF 2km LC DOM):

ATGBICS Fortinet compatible FN-TRAN-QSFP28-CWDM4 QSFP28 100GBase-CWDM4 form factor network transceiver supports a distance of up to 2km over single-mode fibre (SMF) using a wavelength of 1271/1291/1311/1331nm via an LC Duplex 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 Fortinet FN-TRAN-QSFP28-CWDM4 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	Maximum voltage	3.5 V
Maximum data transfer rate *	100000 Mbit/s	Power consumption (typical)	4 W
Interface type *	QSFP28	<b>Certificates</b>	
Single-mode fiber (SMF) supported	✓	Compliance certificates	TÜV mark, UKCA, UL, US FDA, REACH, Federal Communications Commission (FCC), RoHS, CE
Multi-mode fiber (MMF) supported	✗	Certification	CE, FCC, RoHS, REACH
Fiber optic connector	LC	<b>Sustainability</b>	
SFP transceiver standard	CWDM4	Sustainability compliance	✓
Maximum transfer distance	2000 m	Doesn't contain	Lead
Wavelength	1331 nm	<b>Operational conditions</b>	
Coarse Wavelength Division Multiplexing (CWDM)	✓	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%
<b>Features</b>		Storage relative humidity (H-H)	0 - 95%
Product colour	Silver	<b>Weight &amp; dimensions</b>	
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	✓	<b>Packaging content</b>	
Brand compatibility	Fortinet	Quantity per pack	1 pc(s)
<b>Power</b>		<b>Packaging data</b>	
Input voltage	3.3 V	Package type	Box
		<b>Logistics data</b>	
		Country of origin	United Kingdom

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