

# QSFP-100GBASE-LR4-C Datasheet



DiGi Electronics Part Number	QSFP-100GBASE-LR4-C-DG
Manufacturer	<a href="#">ATGBICS</a>
Manufacturer Product Number	QSFP-100GBASE-LR4-C
Description	100GBASE-LR4 QSFP28 1310nm 10km
Detailed Description	Transceiver Module Ethernet 100Gbps 1310nm 3.3V LC Pluggable, QSFP

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## Purchase and inquiry

Manufacturer Product Number:

QSFP-100GBASE-LR4-C

Series:

-

Data Rate:

100Gbps

Applications:

Ethernet

Connector Type:

LC

Base Product Number:

QSFP-100G

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 QSFP-100GBASE-LR4 Cisco Compatible Transceiver QSFP28 100GBase-LR4 (1295/1300/1304/1309nm SMF 10km LC DOM)



**Brand :** ATGBICS

**Product code:** QSFP-100GBASE-LR4-C

**Product name :** QSFP-100GBASE-LR4 Cisco Compatible Transceiver QSFP28 100GBase-LR4 (1295/1300/1304/1309nm SMF 10km LC DOM)

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[ATGBICS QSFP-100GBASE-LR4 Cisco Compatible Transceiver QSFP28 100GBase-LR4 \(1295/1300/1304/1309nm SMF 10km LC DOM\):](#)

ATGBICS Cisco compatible QSFP-100GBASE-LR4 QSFP28 100GBase-LR4 form factor network transceiver supports a distance of up to 10km over single-mode fibre (SMF) using a wavelength of 1295/1300/1304/1309nm 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 Cisco QSFP-100GBASE-LR4 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	LC	Sustainability compliance	✓
SFP transceiver standard	LR4	Doesn't contain	Lead
Maximum transfer distance	10000 m	Operational conditions	
Wavelength	1309 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%
		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	Cisco	Packaging data	
		Package type	Box
		Logistics data	
		Country of origin	United Kingdom
Power			
Input voltage	3.3 V		
Maximum voltage	3.5 V		

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