FOC-TRX-SFP-1G-LX-IT - Transceiver

1334213

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Singlemode SFP transceiver for the transmission of up to 1 Gbps over 10 km at wavelengths of 1310 nm in the industrial temperature range

Your advantages

- Maximum flexibility, thanks to the non-proprietary multi-source agreement (MSA)
- Superior system availability, thanks to Plug and Play during operation
- Future-proof, thanks to RoHS 2 conformity
- Maximum data transmission quality
- Interference-free data transmission, even for EMC-sensitive applications
- Reliable data transmission in the extended temperature range

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1334213
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNJAB
GTIN	4063151633431
Weight per piece (including packing)	29.9 g
Weight per piece (excluding packing)	29.9 g
Customs tariff number	85176200
Country of origin	TW

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Material specifications

Color (Housing)	white aluminium (RAL 9006)
Housing material	Metal

Mounting

Mounting type	Plug-in mounting (SFP port)

Interfaces

Ethernet FO

Connection method	LC duplex
Transmission speed	1 Gbps
Transmit capacity, minimum	-9.5 dBm
Transmit capacity, maximum	-3 dBm
Minimum receiver sensitivity	-21 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	Single-mode fiberglass
Transmission length	10 km (Fiberglass 9/125)
Wavelength	1310 nm
No. of channels	1 (LC single mode)

Product properties

Product type	SFP module
Type	SFP Modul
Connection profile	LC-Duplex
Type of packaging	Box packaging

Electrical properties

Transmission medium	FO
Transmission speed	1 Gbps

Connection data

Connection method	To insert in SFP slot

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 55 °C

Standards and regulations

Laser class	1
Standard designation	Laser equipment safety
Standards/specifications	IEC 60825

Approvals

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cULus Recognized
Approval ID: E140403

Classifications

ECLASS

ECLASS-15.0	27440392
ECLASS-13.0	27440392

ETIM

ETIM 10.0	EC002943

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	5.776 kg CO2e

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