



Part Number: 377.1403.00

Optical Transceiver QSFP28 ETH 100G 0.1km

PRODUCT DESCRIPTION

377.1403.00

Optical Transceiver QSFP28 ETH 100G 0.1km

FEATURES

QSFP28 Optical Transceiver for 100G bps, with a typical range of 0.1 km.

Compatibilities:

IEEE Compatibility : 802.3bm 100GBASE-SR4

Datacom Compatibility: DM-QSFP28-SR4-100m

ITU Compatibility:

RoHS Compatibility: Directive 2011/65/EU and 2015/863/EU

OTHER FEATURES

Form Factor	QSFP28
Interface	Optical Transceiver
Conformities	ETH
Fiber Type	Multimode
Fiber Quantity	MPO
Connector Type	MPO12-UPC(MM)
Digital Diagnostics	Yes
LOS	No
Tunable	No
MultiRate	No
W.D.M.*	
W.D.M. Channel *	
Bi-directional complementary part number *	
Typical range (km)	0.1
Extended range * (km)	
Forward Error Correction*	It is mandatory to enable FEC CL91 on both sides of the host switches for proper operation of this optical transceiver model

** If applicable*

Note: 0,07 km to OM3 / 0,1 km to OM4

OPERATIONAL CONDITIONS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Operating Temperature	0		70	°C
Overload			2.4	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-8.4		2.4	dBm
Extinction Ratio	2			dB
Wavelength		850		nm
Spectral Width *			0.6	nm
Dispersion Tolerance *				ps/nm
Laser		VCSEL		

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		850		nm
Sensitivity			-10.3	dBm
Overload			2.4	dBm

EYE SAFETY

This is a Class1 Laser Product.

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