



Part Number: 377.1426.00

Optical Transceiver QSFP28 ETH 100G 2km

PRODUCT DESCRIPTION

377.1426.00

Optical Transceiver QSFP28 ETH 100G 2km

FEATURES

QSFP28 Optical Transceiver for 100G bps, with a typical range of 2 km.

Compatibilities:

IEEE Compatibility : 802.3bm 100GBASE-C4

Datcom Compatibility: DM-QSFP28-C4-2

ITU Compatibility:

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

OTHER FEATURES

Form Factor	QSFP28
Interface	Optical Transceiver
Conformities	ETH
Fiber Type	Singlemode
Fiber Quantity	Two
Connector Type	LC/UPC
Digital Diagnostics	Yes
LOS	No
Tunable	No
MultiRate	No
W.D.M.*	
W.D.M. Channel *	
Bi-directional complementary part number *	
Typical range (km)	2
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

OPERATIONAL CONDITIONS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Operating Temperature	0		70	°C
Overload			4.5	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-6.5		2.5	dBm
Extinction Ratio	3.5			dB
Wavelength		1271,1291,1311,1331		nm
Spectral Width *			1	nm
Dispersion Tolerance *				ps/nm
Laser		DFB		

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		1271,1291,1311,1331		nm
Sensitivity			-11.5	dBm
Overload			4.5	dBm

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

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