



Part Number: 377.1447.00

Optical Transceiver QSFP28 ETH 100G (4 × 25G) 10km

PRODUCT DESCRIPTION

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FEATURES

QSFP28 Optical Transceiver for 100G (4 × 25G) bps, with a typical range of 10 km.

Compatibilities:

IEEE Compatibility : IEEE 802.3 PSM4 / 100GBASE-PSM4

Datacom Compatibility: DM-QSFP28-PLR4-10

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	MPO
Connector Type	MPO12-APC(SM)
Digital Diagnostics	Yes
LOS	No
Tunable	No
MultiRate	No
W.D.M.*	
W.D.M. Channel *	
Bi-directional complementary part number *	
Typical range (km)	10
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			2	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-6		2	dBm
Extinction Ratio	3.5			dB
Wavelength		1310		nm
Spectral Width *			1	nm
Dispersion Tolerance *				ps/nm
Laser		DFB		

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		1310		nm
Sensitivity			-11.4	dBm
Overload			2	dBm

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

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