



Part Number: 377.1445.00

Optical Transceiver QSFP28 ETH 100G 80km

PRODUCT DESCRIPTION

377.1445.00

Optical Transceiver QSFP28 ETH 100G 80km

FEATURES

QSFP28 Optical Transceiver for 100G bps, with a typical range of 80 km.

Compatibilities:

IEEE Compatibility : 100GBASE-ZR4

Datacom Compatibility: DM-QSFP28-B2730-80

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	One
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 *	377.1446.00
Typical range (km)	80
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			-7	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	2		6	dBm
Extinction Ratio	6			dB
Wavelength		1273.55, 1277.89, 1282.26, 1286.66		nm
Spectral Width *				nm
Dispersion Tolerance *				ps/nm
Laser		EML		

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		1295.56, 1300.05, 1304.58, 1309.14		nm
Sensitivity			-26	dBm
Overload			-7	dBm

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

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