



Part Number: 377.1405.00

Optical Transceiver QSFP28 ETH 100G 40km

PRODUCT DESCRIPTION

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FEATURES

QSFP28 Optical Transceiver for 100G bps, with a typical range of 40 km.

Compatibilities:

IEEE Compatibility : 802.3ba 100GBASE-ER4

Datcom Compatibility: DM-QSFP28-ER4-40

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
Digital Diagnostics	Yes
LOS	No
Tunable	No
MultiRate	No
W.D.M.*	
W.D.M. Channel *	
Bi-directional complementary part number *	
Typical range (km)	40
Extended range * (km)	
Forward Error Correction*	This optical transceiver can operate with or without FEC CL91 enabled on the host switches. Enabling FEC on the hosts may slightly extend the optical link distance or make it more robust. It is mandatory that the same FEC configuration be applied on both ends of the link

** If applicable*

OPERATIONAL CONDITIONS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Operating Temperature	0		70	°C
Overload			-3.5	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-2.9		2.9	dBm
Extinction Ratio	4.5			dB
Wavelength		1295,1300,1304,1309		nm
Spectral Width *				nm
Dispersion Tolerance *				ps/nm
Laser		DFB		

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		1295,1300,1304,1309		nm
Sensitivity			-20.9	dBm
Overload			-3.5	dBm

EYE SAFETY

This is a Class1 Laser Product.

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