



## Part Number: 377.1428.00

Optical Transceiver QSFP28 ETH 100G 40km

### PRODUCT DESCRIPTION

# 377.1428.00

Optical Transceiver QSFP28 ETH 100G 40km

## FEATURES

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

Compatibilities:

IEEE Compatibility : 100G 4-40 MSA (ER4 on EEPROM)

Datacom Compatibility: DM-QSFP28-ER4L-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/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)	40
Extended range * (km)	
Forward Error Correction*	It is mandatory to <b>enable</b> 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			-3.5	dBm

## OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-2.9		4.5	dBm
Extinction Ratio	4			dB
Wavelength		1295,1300,1304,1309		nm
Spectral Width *				nm
Dispersion Tolerance *				ps/nm
Laser		DML		

## OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		1295,1300,1304,1309		nm
Sensitivity			-18.5	dBm
Overload			-3.5	dBm

## EYE SAFETY

This is a Class1 Laser Product.

# DATAKOM

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