



## Part Number: 377.1405.00

Optical Transceiver QSFP28 ETH [-/100G] [DD/DFB/-/OP:-2,5/RP:-20,5/40km]  
100GBASE-ER4

### PRODUCT DESCRIPTION

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Optical Transceiver QSFP28 ETH [-/100G] [DD/DFB/-/OP:-2,5/RP:-20,5/40km]  
100GBASE-ER4

## FEATURES

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

Compatibilities:

IEEE Compatibility : 802.3ba 100GBASE-ER4

Datacom Compatibility:

ITU Compatibility:

## 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)	

*\* If applicable*

## OPERATIONAL CONDITIONS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Operating Temperature	0		70	°C
Overload			-6	dBm

## OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-2.5		6.5	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			-20.5	dBm
Overload			-6	dBm

## EYE SAFETY

This is a Class1 Laser Product.

# DATACOM

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