



Part Number: 377.1428.00

Optical Transceiver QSFP28 ETH [-/100G] [DD/DFB/-/OP:-2,9/RP:-18,5/40km] 100GBASE-ER4

PRODUCT DESCRIPTION

377.1428.00

Optical Transceiver QSFP28 ETH [-/100G] [DD/DFB/-/OP:-2,9/RP:-18,5/40km] 100GBASE-ER4

FEATURES

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

Compatibilities:

IEEE Compatibility : 802.3ba 100GBASE-ER4 Lite (FEC)

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	-2.9		4.5	dBm
Extinction Ratio	4			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			-18.5	dBm
Overload			-6	dBm

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

Rua América, 1000 | 92990-000 | Eldorado do Sul | RS | Brasil
+55 51 3933 3000
www.datacom.com.br