



Part Number: 377.1503.00

Optical Transceiver QSFP-DD ETH 100G 110km

PRODUCT DESCRIPTION

377.1503.00

Optical Transceiver QSFP-DD ETH 100G 110km

FEATURES

QSFP-DD Optical Transceiver for 100G bps, with a typical range of 110 km.

Compatibilities:

IEEE Compatibility :

Datacom Compatibility: DM-QDD100G-OZR-v2

ITU Compatibility:

RoHS Compatibility: Directive 2011/65/EU and 2015/863/EU

OTHER FEATURES

Form Factor	QSFP-DD
Interface	Optical Transceiver
Conformities	ETH
Fiber Type	Singlemode
Fiber Quantity	Two
Connector Type	LC
Digital Diagnostics	Yes
LOS	Yes
Tunable	Yes
MultiRate	No
W.D.M.*	
W.D.M. Channel *	
Bi-directional complementary part number *	
Typical range (km)	110
Extended range * (km)	500
Forward Error Correction*	--

** If applicable*

OPERATIONAL CONDITIONS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Operating Temperature	0		75	°C
Overload			0	dBm

OPTICAL TRANSMISSION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Transmission power	-7		0	dBm
Extinction Ratio				dB
Wavelength		Tunable C-Band (50 & 100Ghz tunnable)		nm
Spectral Width *				nm
Dispersion Tolerance *	10000			ps/nm
Laser		Coherent		
TX OSNR	34			dB

OPTICAL RECEPTION PARAMETERS

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNIT
Wavelength		Tunable C-Band (50 & 100Ghz tunnable)		nm
Sensitivity			-30	dBm
Low OSNR	-18		0	dBm
RX OSNR			12.5	dB
Overload			0	dBm

EYE SAFETY

This is a Class1 Laser Product.

DATAKOM

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