

40G QSFP+ optical transceiver with DDM function

This product is designed for fiber-communication based on optical-electrical technology. The product is an integrated module containing a micro-optic component and semiconductor material. The module could implement optical-electrical conversion and electrical-optical conversion function. It could be used at key locations in optical networks like 40GBASE Ethernet.

Specifications

(tested under recommended operating conditions, unless otherwise noted)

Parameter	Symbol	Unit	Value		
			Min	Typ	Max
Transmitter(per Lane)					
Center wavelength		nm	840		860
RMS Spectral Width	SW	nm			0.45
Average Launch Power per Lane	TXPx	dBm	-7.6		-1
Transmit OMA per Lane	TxOMA	dBm	-5.6		3.0
Optical Extinction Ratio	ER	dB	3.0		
Average launch power of OFF transmitter, per lane		dBm			-30
Relative Intensity Noise	RIN	dB/ Hz			-128
Receiver(per Lane)					
Center wavelength		nm	840		860
Damage Threshold	DT	dBm	3.4		
Average Launch Power per Lane	RXPx	dBm	-9.9		2.4
Receive Power(OMA) per Lane	RxOMA	dBm			3.0