

Pruebas de Aplicación

Parametros Opticos (TOP = -40 a 85° C, VCC ? 3.135 a 3.465 Volts)

Parameter	Symbol	Min.	Typical	Max.	Unit	Note
Transmitter Section:						
Center Wavelength	λ_c	1270	1310	1600	nm	
Spectral Width(RMS)	σ_{RMS}			4	nm	
Optical Output Power	P_{out}	-9		-3	dBm	1
Extinction Ratio	ER	9			dB	
Optical Rise/Fall Time	t_r / t_f			260	ps	2
Relative Intensity Noise	RIN			-120	dB/Hz	
Total Jitter Contribution	TX Δ TJ			0.284	UI	3
Eye Mask for Optical Output	Compliant with IEEE802.3 z (class 1 laser safety)					
Receiver Section:						
Optical Input Wavelength	λ_c	1530	1550	1570	nm	
Receiver Overload	P_{ol}	-3			dBm	4
RX Sensitivity	Sen			-21	dBm	4
RX_LOS Assert	LOS _A	-35			dBm	
RX_LOS De-assert	LOS _D			-22	dBm	
RX_LOS Hysteresis	LOS _H	0.5			dB	
General Specifications:						
Data Rate	BR		1.25		Gb/s	
Bit Error Rate	BER			10^{-12}		
Max. Supported Link Length on 9/125 μ m SMF@1.25Gb/s	L _{MAX}		3		km	
Total System Budget	LB	12			dB	

Informacion Detallada

Speed:	1.25Gb/s	Wavelength:	1310nm/1550nm
Distance:	5 km	Connector:	SC
DDM:	Support	Fiber Type:	Single Mode Single Fiber
Power Supply:	3.3V	Compatibility:	Cisco, Huawei, HP..
Working Temperature:	0~70°C	Warranty:	3 Years