



Parameter	Symbol	Unit	Value		
			Min	typical	Max
Electrical Characteristics					
Supply Current	Icc	mA			1200
Maximum Peak Current	-	mA			2000
Differential Input Swing (note1)	-	mV	120		1000
Differential Output Swing (note2)	-	mV	600		1000
Optical transmitter Characteristics					
Launch Optical Power	Po	dBm	+2		+6
Center Wavelength	λ	nm	1575		1580
Extinction Ratio -10G	EX	dB	8.2		
Spectral Width(@-20dB)	Δλ	nm			1
Side Mode Suppressing Ratio	SMSR	dB	30		
Eye Diagram	Complies with G.987.2 (10% margin)				
Dispersion Penalty	-	dB			1.0
Pout @TX-Disable Asserted	Poff	dBm			-39
10G Optical receiver Characteristics					
Receiver Optical Wavelength	λIN	nm	1260		1330
Receiver Sensitivity (note3)	S BOL	dBm			-29.0
	S EOL				-28.0
Overload Input Optical Power	Pin	dBm	-5		
SD Assert		dBm			-30
SD De-assert		dBm	-45		
Hysteresis		dB	0.5		6
Receiver Settling Time		ns			400
2.5G Optical receiver Characteristics					
Receiver Optical Wavelength	λIN	nm	1260		1330
Receiver Sensitivity (note4)	S BOL	dBm			-28.5
	S EOL				-27.5
Overload Input Optical Power	Pin	dBm	-7		
SD Assert					

1.	□	□	□	□	
2.	□	□	□	□	
3.	□		□	□	□ □ □ □ □ □
	□	□	□	□	□ □ □ □ □ □

Part No	Specification								
	Package	Data rate	Laser	Power	Detector	Sensitivity	Temp	Reach	Center Wavelength(nm)
RTXM266-706	XFP SC	9.953/9.953&2.488	EML	+2~+6dBm	APD	< -28dBm	0~70℃	20km	1577nm

Parameter	Symbol	Unit	Min	Max
Storage Temperature Range	Ts	oC	-40	+85
Relative Humidity	RH	%	5	95
Power Supply Voltage	Vcc	V	0	+3.6

Parameter	Symbol	Unit	Min	Typ	Max
Operating Case Temperature Range	Tc	oC	0	-	70
Power Supply Voltage	Vcc	V	3.13	3.3	3.47
Power Consumption	P	W			4.0

