



RTXM191-647~661 1.25Gb/s SFP

PIN
EEPROM

CWDM DFB
1.25Gb/s

LC

3.3V

DDM

0~70°C

80km

RoHS

SFP MSA (INF-8074i)
SFF-8472
IEEE802.3z

1	Icc	mA	-	-	300
		mV	150		1100
		mV	300	-	600
TX_fault /LOS (TTL)	VOH	V	2.0	-	Vcc
	VOL	V	0	-	0.8
TX_disable (TTL)	VOH	V	2.0	-	Vcc
	VOL	V	0	-	0.8
	Po	dBm	0		+3
2	λ_c	nm	$\lambda-6.5$		$\lambda+6.5$
	EX	dB	9		
	SMSR	dB	30		
(-20dB)	$\Delta\lambda$	nm			1
3	TJ	UI			0.284
4	RIN	dB/Hz			-120
	GE				
/	Trise/Tfall	ps			260
	-	dB			2
	Poff	dBm			-45
	λ_c	nm	1250		1620
5	S	dBm			-24
	Pin	dBm	-3		
		dBm			-24
			-35		

		dB	0.5		5
Note1.					
Note2.	CWDM		1471, 1491, 1511, 1531, 1551, 1571, 1591,		
			1611nm		
Note3.	1.25Gbps	7			
Note4.	RIN				
					12dB
Note5.	PRBS 2 ⁷ -1	1.25Gb/s	EX=10dB	BER<10 ⁻¹²	

Part No	Specifications								
	Package	Data rate	Laser	Optical Power	Detector	Sensitivity	Top	Reach	Others
RTXM191-647	SFP	1.25G	1471nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-649	SFP	1.25G	1491nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-651	SFP	1.25G	1511nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-653	SFP	1.25G	1531nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-655	SFP	1.25G	1551nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-657	SFP	1.25G	1571nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-659	SFP	1.25G	1591nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS
RTXM191-661	SFP	1.25G	1611nm DFB	0 ~ +3dBm	PIN	-24dBm	0~70	80km	DDM, RoHS