

Data Sheet(Optic analog Module Series)

ITOM-B0020-2000-DND41 / RRD41

Electrical Specification

Parameters		Unit	Min	Max	Remark
Optical output power		dBm	0	6	
Wave length		nm	1300	1320	
RF Gain		dB	-2	2	
Frequency		MHz	20	2000	
Flatness		dB(p-p)		4	
VSWR				1.5	S11/S22
IP3 (0dBm / Tone)		dBc	24		
Output noise floor		dBm/Hz		-130	
Directivity		dBc	60		
Alarm	LD (Donor)	dBm	-5		Normal : High Open Collector
	PD	dBm	-12		
Current	Donor : 12V	mA		300	
	Remote : 12V	mA		300	
Operating Temperature		-20℃ ~ +75℃			
Optic Connector		SC/APC			
RF Connector		SMA Female			

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Pin Map

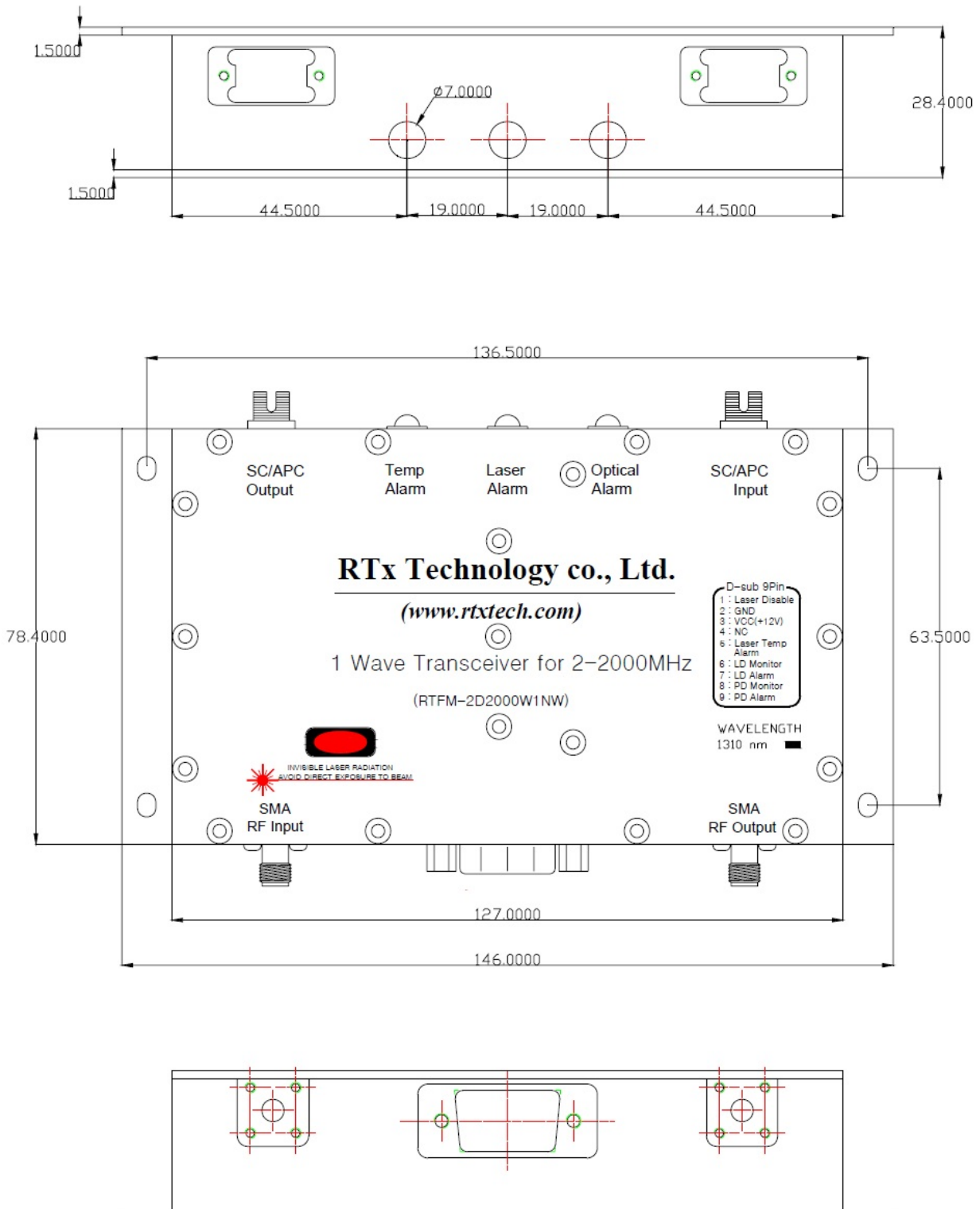
D-sub 9Pin Configurations				
1	Laser Disable (+12V = Laser ON)	6	LD Monitor	Open Collector (Normal High)
2	GND	7	LD ALARM (Open Collector)	
3	+12V	8	PD Monitor	
4	N.C	9	PD ALARM (Open Collector)	
5	Laser Temp Alarm (Open Collector)			

Absolute Maximum Ratings

Absolute Maximum Rating			
Parameter	Symbol	Rating	Unit
Optical Input Power		7	dBm
RF Input Power		10	dBm
DC Supply Volts		13	V
Operating Temperature		-20 ~ +75	℃

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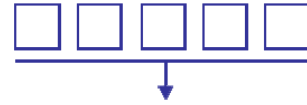
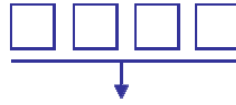
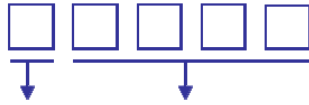
Mechanical Specification



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Ordering Information

ITOM



Model	Start Frequency
S - Single band	0001 - 1MHz
M - Multiband	0002 - 2MHz
B - Broadband	.
T - CATV	.
C - Customized	3000 - 3000MHz

End Frequency
0001 - 1MHz
0002 - 2MHz
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3000 - 3000MHz

Type	LD Type	Optic Connector	Wave length
DN - Donor	F - FP	1 - FC/UPC	1 - 1Wave
RR - Remote	D - DFP	2 - FC/APC	2 - 2Wave
TR - Transmitter		3 - SC/UPC	3 - 3Wave
RE - Receiver		4 - SC/APC	4 - 4Wave
R1 - Remote1		5 - LC/UPC	C - Customized
R2 - Remote2		6 - LC/APC	
R3 - Remote3		C - Customized	

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