

Data Sheet(Optic analog Module Series)

ITOM-B0050-0500-DND24 / RRD24

Electrical Specification

Parameters		Unit	Min	Max	Remark
Optical output power		dBm	2	6	
Wave length		nm	1305	1315	Donor
		nm	1505	1515	Remote 1
		nm	1525	1535	Remote 2
		nm	1545	1555	Remote 3
RF Gain		dB	-2	2	
Frequency		MHz	50	500	
Flatness		dB(p-p)		1	
VSWR				1.5	S11/S22
IP3 (0dBm / Tone)		dBc	30		
Output noise floor		dBm/Hz		-135	
Directivity		dBc	60		
Alarm	LD	dBm	-3		Normal : High(+5V) TTL
	PD	dBm	-15		
Current	12V	mA		500	
Gain Variation		dB	-5	-3	
Operating Temperature			-25℃ ~ +75℃		
Optic Connector			FC/APC		
RF Connector			SMA Female		

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Pin Map

D-sub 9Pin Configurations				
1	N.C.	6	LD Monitor	Alarm = Open Collector (Normal Open)
2	GND	7	LD ALARM	
3	VCC(+12V)	8	PD Monitor	
4	485_A	9	PD ALARM	
5	485_B			

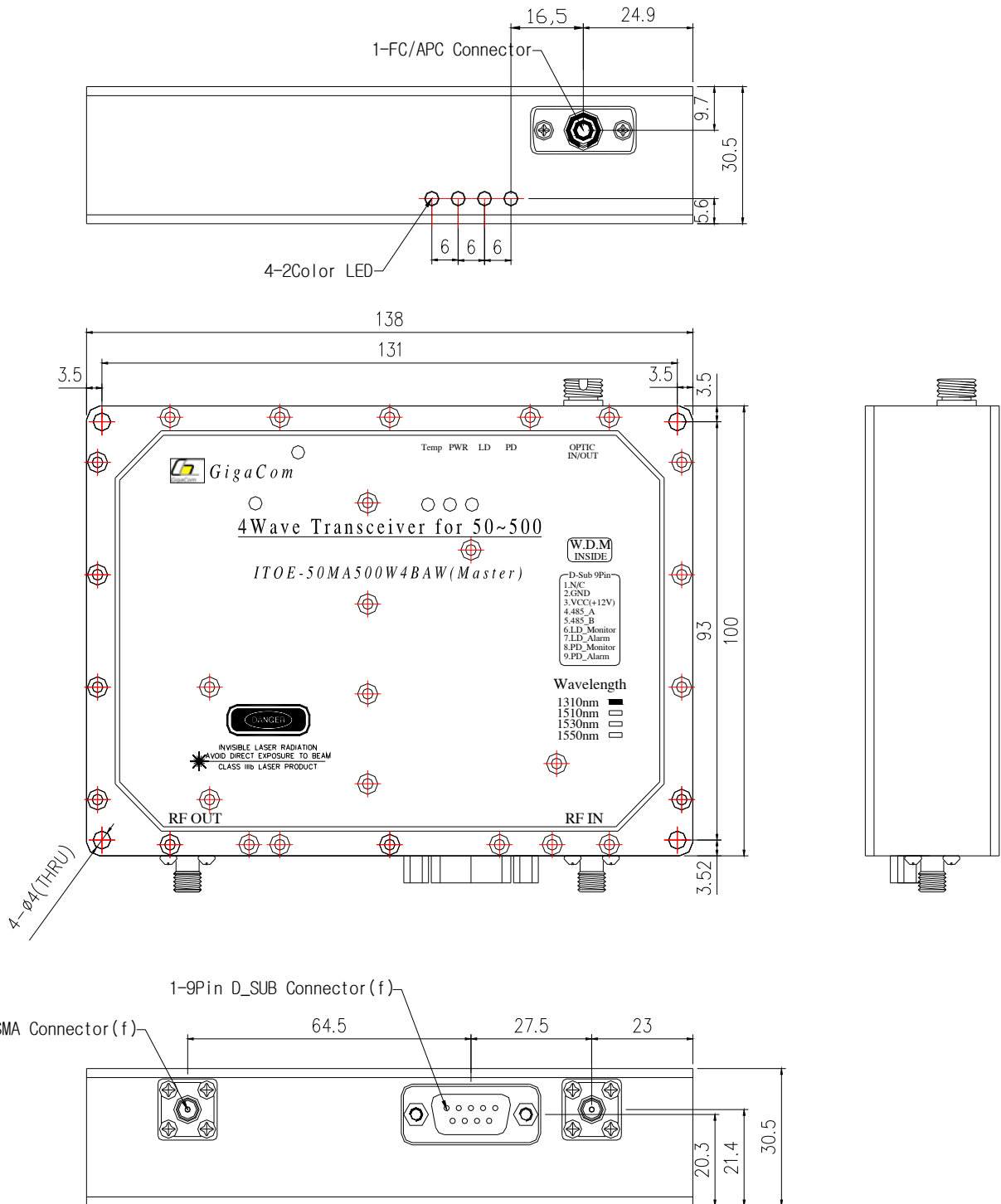
- Modem Frequency : 36MHz(DL), 29MHz(UL)
- Data Rate : 9600bps / RS-485

Absolute Maximum Ratings

Absolute Maximum Rating			
Parameter	Symbol	Rating	Unit
Optical Input Power		7	dBm
RF Input Power		10	dBm
DC Supply Volts		12	V
Operating Temperature		-25 ~ +75	℃

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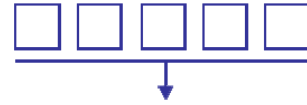
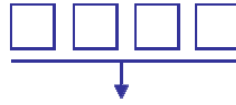
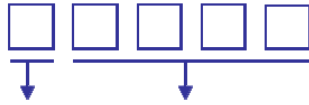
Mechanical Specification



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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
.
.
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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