

Data Sheet(Optic analog Module Series)

ITOM-B0700-2200-DND22 / RRD22

Electrical Specification

Parameters		Unit	Min	Max	Remark
Optical output power		dBm	2	6	
Wave length		nm	1300	1320	Donor
		nm	1540	1560	Remote
RF Gain		dB	-3	3	
Frequency		MHz	700	2200	
Flatness		dB(p-p)		2	
VSWR				1.5	S11/S22
IP3 (0dBm / Tone)		dBc	25		
Output noise floor		dBm/Hz		-133	
Directivity		dBc	50	60	
Alarm	LD	dBm	0		Normal : High Open Collector
	PD	dBm	-10		
Current	12V	mA		500	
Operating Temperature		-40℃ ~ +75℃			
Optic Connector		FC/APC			
RF Connector		SMA Female			

Data Sheet(Optic analog Module Series)

Pin Map

D-sub 9Pin Configurations				
1	Modem Enable	6	LD Monitor	Open Collector (Normal High)
2	GND	7	LD ALARM	
3	+12V	8	PD Monitor	
4	TX DATA	9	PD ALARM	
5	RX DATA			

- Alarm Type : Open Collector , Normal : High, Alarm : Low
- Modem Baud Rate : 19,200bps
- Modem Enable : 0V(Enable), 5V(Disable)
- Interface : RS232

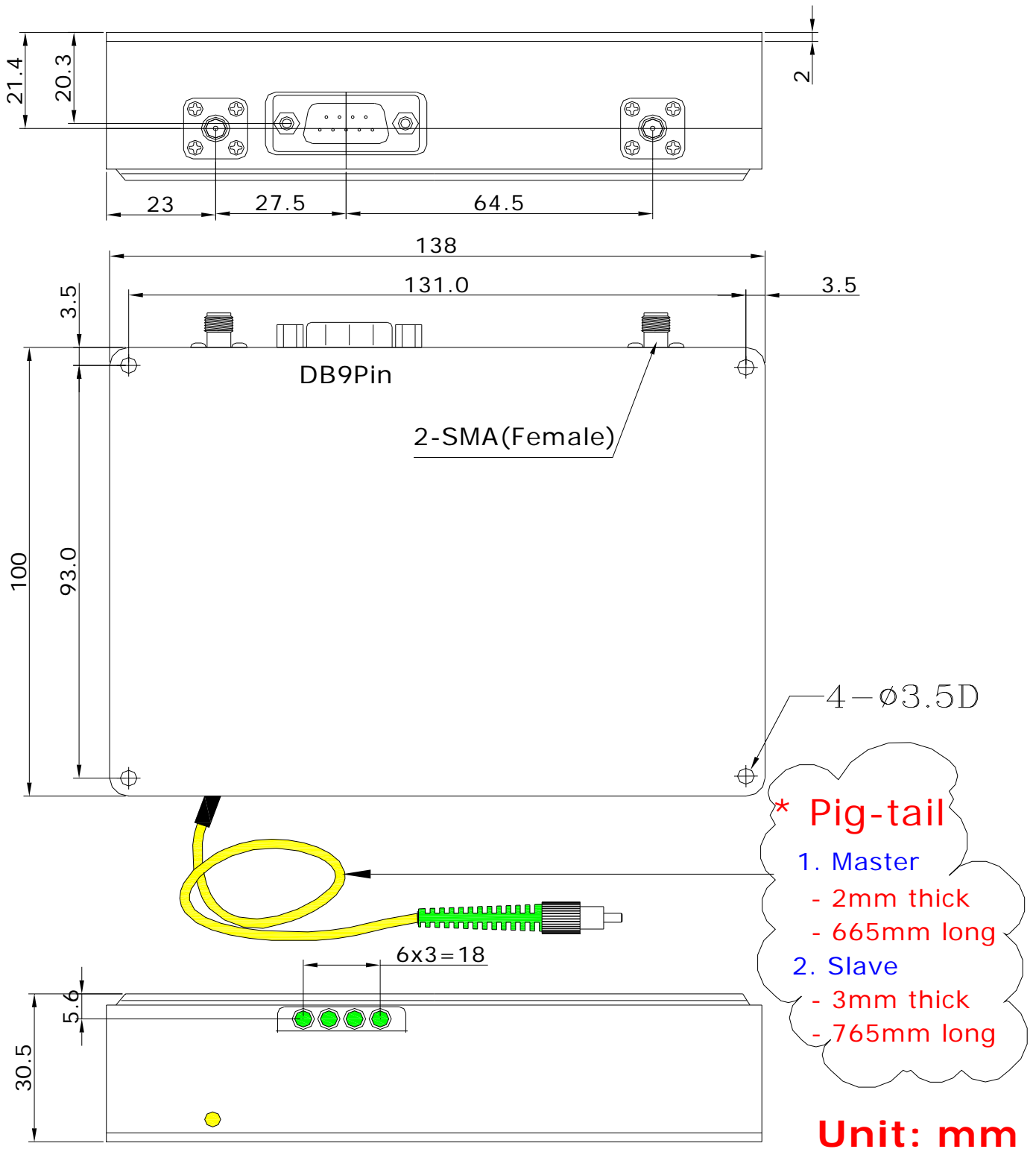
Absolute Maximum Ratings

Absolute Maximum Rating			
Parameter	Symbol	Rating	Unit
Optical Input Power		7	dBm
RF Input Power		10	dBm
DC Supply Volts		13	V
Operating Temperature		-40 ~ +75	°C

Data Sheet(Optic analog Module Series)

Mechanical Specification

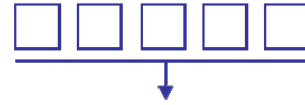
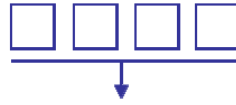
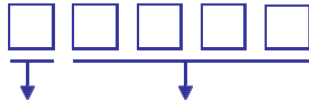
1. Donor, Remote



Data Sheet(Optic analog Module Series)

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	

Contact:

Add: # 303, 304 Daelim Plaza, 1027-20, Hogye-dong, Dongan-gu, Anyang-si, Kyunggido, Korea

TEL : +82-31-454-9315

FAX : +82-31-454-9388

E-mail:sales@intecec.com

<http://www.intecec.com>