

12.0 N TYPE FEMALE

4-R5.0

4-R10.0

62.0

LABEL

18.8

KJ COMTECH **SIGNAL GENERATOR**

SG00016
GPS : 1575.62MHz
BEIDOU : 1561.298MHz
GLONASS : 1602MHz

INTERFACE

Power ON/OFF

POWER ON DISPLAY
(RED LED)

DC +12V

Power

124.0

138.3

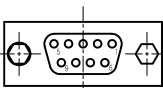
D-SUB
FEMALE 9PINDC JACK $\phi 5.0/\phi 2.5$

17.8

21.1

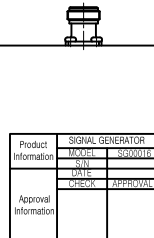
31.0

* PC PORT SETTING
 BET/SEC(B) : 9600
 DATA BIT : 8 BIT
 STOP BIT : 1
 PARITY : NONE



*PIN MAP
 2 -RXD(PC)
 3-TXD(PC)
 5-GND

* APPROVAL LABEL



LABEL 뒷면부에 부착

* DETAIL LABEL

Serial No : KJYYWWNNNN
 - YY : Production Year
 - WW : Production Month
 - NNNN : Serial No

REVISION

REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	S.L.SON	J.H.YOUN	2017.11.15.

* ELECTRICAL SPECIFICATIONS

Frequency Range : 1575.62MHz/ 1602MHz
 / 1561.298MHz ($\pm 2.5\text{ppm}$)
 Variable Power Range : $-60 \sim -40\text{dBm}$ (5dB Step)
 Error Range of Each Power Step : $\pm 1.0\text{dBm}$
 Impedance : 50Ω
 Input DC Voltage : 12V

* MECHANICAL SPECIFICATIONS

HOUSING : A6062 (White Chromate)
 CONNECTORS : MBsBD (Ni Plate)
 CONNECTORS PINS : Beryllium Copper (Silver Plate)
 INSULATORS : TEFLON

* ETC

전원 ADAPTER 별도 포장

* CMD

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
S/N확인	Tx =>	G	E	T	S	R	L	N	U	M																			
	Rx <=	G	E	T	S	R	L	N	U	M	(	K	)	1	7	0	8	0	0	0	1	)	:	:	O	K			
F/W확인	Tx =>	G	E	T	F	R	M	W	R	E																			
	Rx <=	G	E	T	F	R	M	W	R	E	(	F	W	-	V	E	R	1		0	1	)	:	:	O	K			
통신확인	Tx =>	A	T																										
	Rx <=	O	K																										
주파수별 파워 세팅 (Level range : 40~60 / 5 step)	Tx =>	S	E	T	G	P	S	P	W	R	L	V	-	4	0														
	Rx <=	S	E	T	G	P	S	P	W	R	L	V	-	4	0		O	K											
	Tx =>	S	E	T	G	P	S	P	W	R	L	V	-	4	5														
	Rx <=	S	E	T	G	P	S	P	W	R	L	V	-	4	5		O	K											
	Tx =>	S	E	T	G	P	S	P	W	R	L	V	-	5	0														
	Rx <=	S	E	T	G	P	S	P	W	R	L	V	-	5	0		O	K											
	Tx =>	S	E	T	G	P	S	P	W	R	L	V	-	5	5														
	Rx <=	S	E	T	G	P	S	P	W	R	L	V	-	5	5		O	K											
	Tx =>	S	E	T	G	P	S	P	W	R	L	V	-	6	0														
	Rx <=	S	E	T	G	P	S	P	W	R	L	V	-	6	0		O	K											
	Tx =>	S	E	T	G	N	S	P	W	R	L	V	-	4	0														
	Rx <=	S	E	T	G	N	S	P	W	R	L	V	-	4	0		O	K											
	Tx =>	S	E	T	G	N	S	P	W	R	L	V	-	4	5														
	Rx <=	S	E	T	G	N	S	P	W	R	L	V	-	4	5		O	K											
	Tx =>	S	E	T	G	N	S	P	W	R	L	V	-	5	0														
	Rx <=	S	E	T	G	N	S	P	W	R	L	V	-	5	0		O	K											
	Tx =>	S	E	T	G	N	S	P	W	R	L	V	-	5	5														
	Rx <=	S	E	T	G	N	S	P	W	R	L	V	-	5	5		O	K											
	Tx =>	S	E	T	G	N	S	P	W	R	L	V	-	6	0														
	Rx <=	S	E	T	G	N	S	P	W	R	L	V	-	6	0		O	K											
	Tx =>	S	E	T	B	E	I	P	W	R	L	V	-	4	0														
	Rx <=	S	E	T	B	E	I	P	W	R	L	V	-	4	0		O	K											
	Tx =>	S	E	T	B	E	I	P	W	R	L	V	-	4	5														
	Rx <=	S	E	T	B	E	I	P	W	R	L	V	-	4	5		O	K											
	Tx =>	S	E	T	B	E	I	P	W	R	L	V	-	5	0														
	Rx <=	S	E	T	B	E	I	P	W	R	L	V	-	5	0		O	K											
	Tx =>	S	E	T	B	E	I	P	W	R	L	V	-	5	5														
	Rx <=	S	E	T	B	E	I	P	W	R	L	V	-	5	5		O	K											
	Tx =>	S	E	T	B	E	I	P	W	R	L	V	-	6	0														
	Rx <=	S	E	T	B	E	I	P	W	R	L	V	-	6	0		O	K											
주파수별 파워 확인	Tx =>	G	E	T	G	P	S	L	V																				
	Rx <=	G	E	T	G	P	S	L	V	:	(	-	4	0	d	B	m	)	:		O	K							
	Tx =>	G	E	T	G	N	S	L	V																				
	Rx <=	G	E	T	G	N	S	L	V	:	(	-	4	0	d	B	m	)	:		O	K							
MODEL 식별 CODE	Tx =>	G	E	T	B	E	I	L	V																				
	Rx <=	G	E	T	B	E	I	L	V	:	(	-	4	0	d	B	m	)	:		O	K							
	Tx =>	G	E	T	M	O	D	E	L	C	D																		
	Rx <=	G	E	T	M	O	D	E	L	C	D	(	S	G	B	0	0	1	6	7									

TOLERANCE	Decimal	DATE	2017. 11. 15.		 COMTECH <i>KJ COMTECH CO.,LTD.</i>	RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017			
	Angle	APPROVED BY	J.H.YOUN						
MATERIAL	A6061	CHECKED BY	S.L.SON		TITLE	Signal Generator			
		DRAWN BY	T.J.KIM						
FINISH	White Chromate	SCALE	1/1	UNIT	 mm	A3	DWG NO.	SG00016-7/1	
				REVISION			1	SHEET	1 of 1



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 TECHNOLOGY
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