

Vehicle Locating & Marine LTE MIMO Antenna

MODEL: MO-680

Small size and ruggedness, demand of vehicle locating and Marine LTE antenna that will sustain harsh environment.



1. GENERAL DESCRIPTION

Model No
MO-680-1.5M-SMA(F)x4

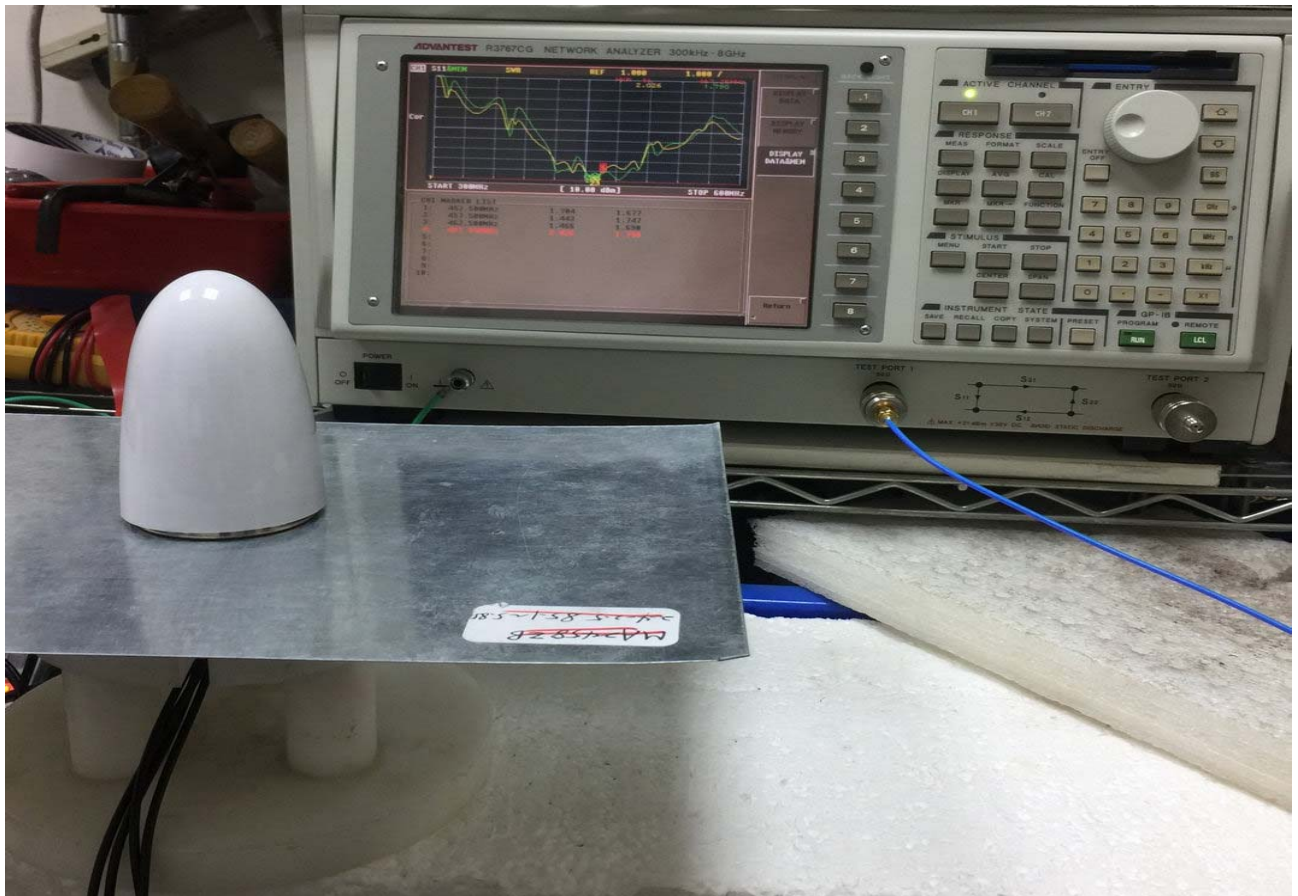
1.1 Electrical Properties

Parameter	Description	
Frequency Band	LTE Band 26 x2	LTE Band31 x2
	814~894Mhz	452.5~467.5MHz
Nominal Impedance	50 ohm	50 ohm
VSWR	2.5:1	2.5:1
Antenna Peak Gain	0db	0db

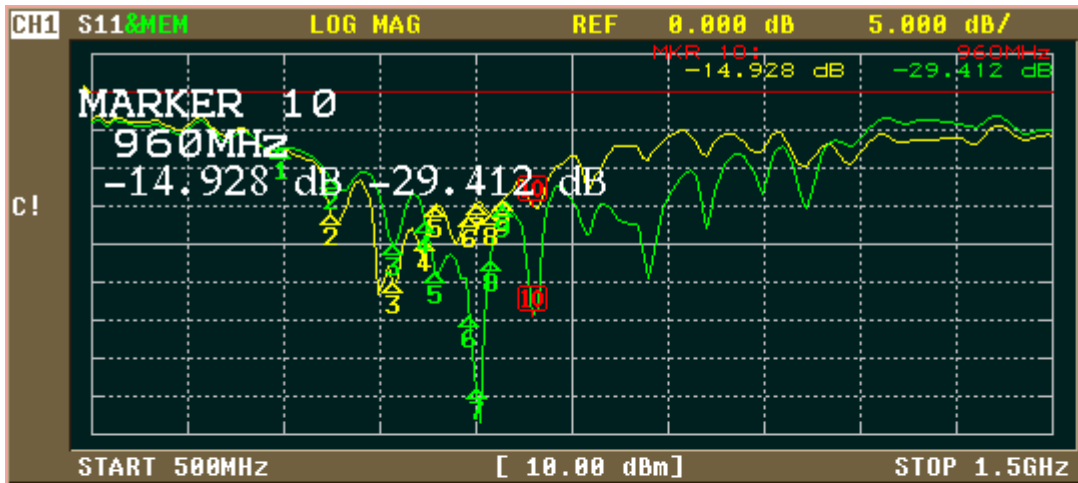
1.2 Mechanical Properties

Parameter	Description	
Connector Type	SMA180 ° (Female) x 2	SMA180 ° (Female) x 2
Antenna Dimensions	60mm(Dia.) x 900mm(H)	
Antenna Cable Total Length	RG-174 -1500mm ± 50 (-40~105°C) x 4	
Antenna Material & Color	ASA-UV / White	

Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C
Waterproof	IPX7





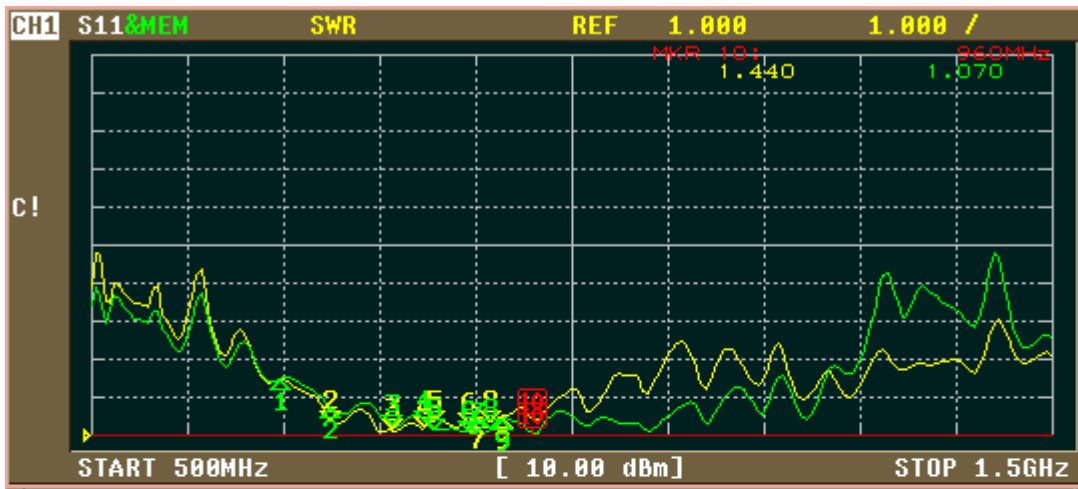


CH1 MARKER LIST

1:	698.000MHz	-7.433 dB	-7.369 dB
2:	750.000MHz	-15.919 dB	-11.347 dB
3:	814.000MHz	-25.071 dB	-20.019 dB
4:	849.000MHz	-19.508 dB	-17.204 dB
5:	859.000MHz	-15.036 dB	-23.634 dB
6:	894.000MHz	-16.335 dB	-29.193 dB
7:	902.000MHz	-14.676 dB	-39.423 dB
8:	915.000MHz	-15.926 dB	-22.084 dB
9:	928.000MHz	-14.327 dB	-14.972 dB
10:	960.000MHz	-14.928 dB	-29.412 dB

ACTIVATE MARKER

- MARKER 6
- MARKER 7
- MARKER 8
- MARKER 9
- MARKER 10
- ACTIVATE MKR OFF
- Return
- More 2/2



CH1 MARKER LIST

1:	698.000MHz	2.464	2.497
2:	750.000MHz	1.364	1.742
3:	814.000MHz	1.099	1.222
4:	849.000MHz	1.231	1.323
5:	859.000MHz	1.409	1.142
6:	894.000MHz	1.376	1.075
7:	902.000MHz	1.461	1.023
8:	915.000MHz	1.387	1.170
9:	928.000MHz	1.479	1.435
10:	960.000MHz	1.441	1.070

FORMAT

- SWR
- REAL
- IMAG
- PHASE -90, +90
- LOG MAG & PHASE
- LOG MAG & DELAY
- LIN MAG & PHASE
- More 2/2

