

# Marine VHF Antenna

## MODEL: MV-168

Suitable Marine VHF radio & AIS & Orbcomm system



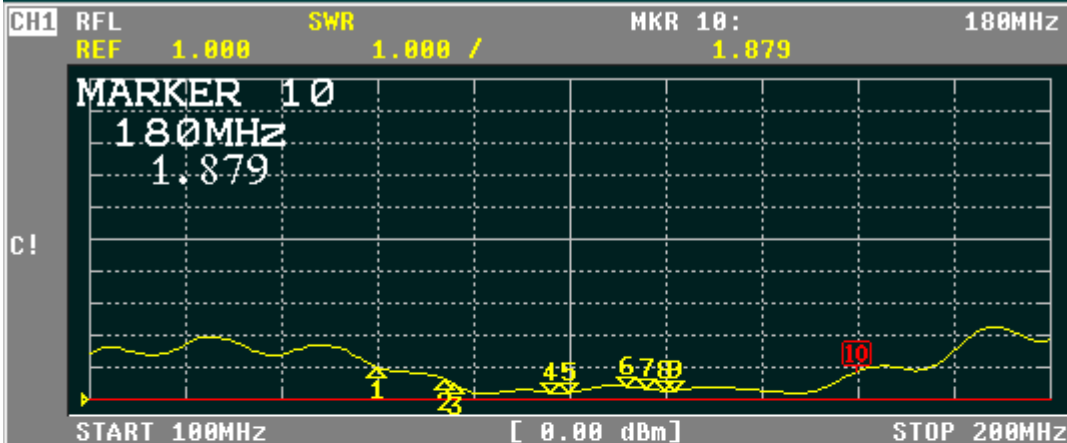
### Specifications:

<b>Gain:</b>	6 dB
<b>Fr :</b>	130~180Mhz Orbcomm : RX 137~138Mhz & TX 148~151Mhz Marine AIS : 156~165Mhz 160 &161 Mhz Marine VHF : 156.8Mhz / 158Mhz Car VHF : 144~174Mhz
<b>V.S.W.R:</b>	2.0:1
<b>Impedence:</b>	50 ohm
<b>Connector:</b>	PL259(P)
<b>Dimension:</b>	30.5mm(Dia.) * 1455mm (L)
<b>Weight:</b>	300g without mounting & cable

\* This specification is subject to change without prior notice

Optional Mounting : FB7





CH1 MARKER LIST

1:	130.000MHz	2.012
2:	137.000MHz	1.617
3:	138.000MHz	1.475
4:	148.000MHz	1.199
5:	150.000MHz	1.217
6:	156.000MHz	1.397
7:	158.000MHz	1.330
8:	160.000MHz	1.263
9:	161.000MHz	1.274
10:	180.000MHz	1.879

ACTIVATE MARKER

MARKER 6

MARKER 7

MARKER 8

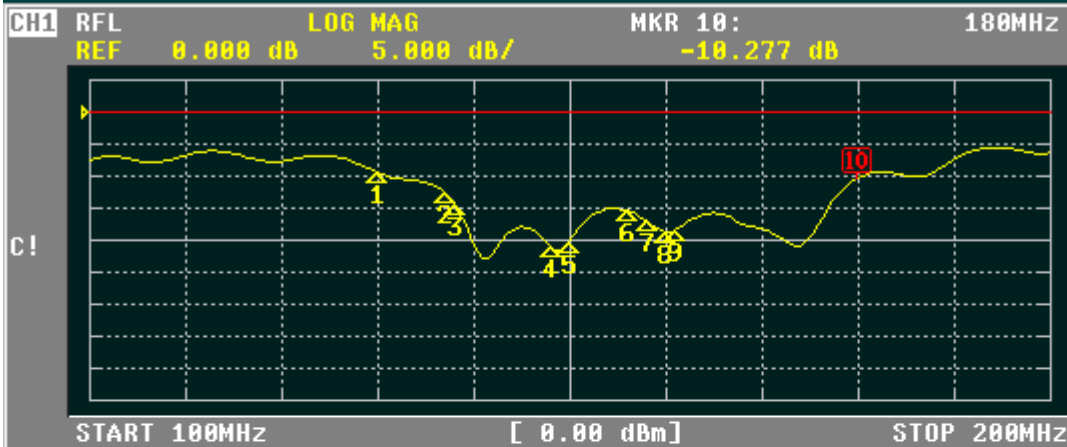
MARKER 9

MARKER 10

ACTIVATE MKR OFF

Return

More 2/2



CH1 MARKER LIST

1:	130.000MHz	-9.482 dB
2:	137.000MHz	-12.558 dB
3:	138.000MHz	-14.330 dB
4:	148.000MHz	-20.837 dB
5:	150.000MHz	-20.218 dB
6:	156.000MHz	-15.402 dB
7:	158.000MHz	-16.940 dB
8:	160.000MHz	-18.768 dB
9:	161.000MHz	-18.446 dB
10:	180.000MHz	-10.289 dB

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

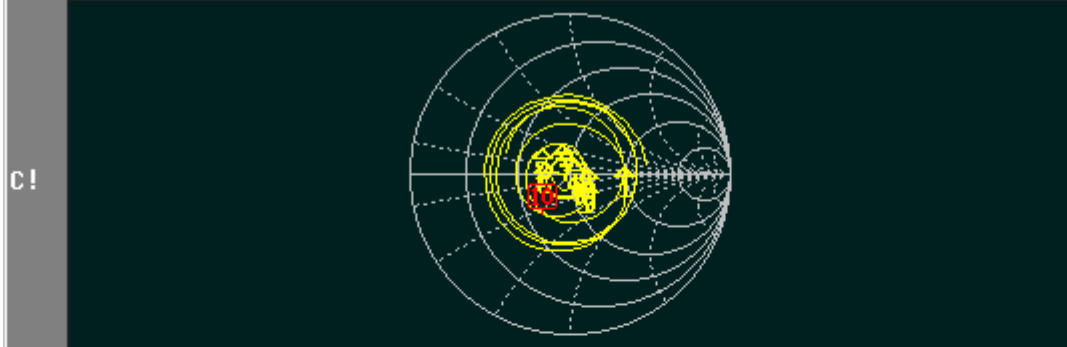
SMITH (G+jB)

POLAR

LIN MAG

More 1/2

CH1 RFL SMITH(R+jX) MKR 10: 180MHz  
 FS 1.000 31.266 Ω -16.997 Ω



START 100MHz [ 0.00 dBm] STOP 200MHz

CH1 MARKER LIST

1:	130.000MHz	98.683 Ω	10.899 Ω	13.343nH
2:	137.000MHz	33.886 Ω	11.740 Ω	13.638nH
3:	138.000MHz	42.634 Ω	16.450 Ω	18.972nH
4:	148.000MHz	52.094 Ω	8.859 Ω	9.527nH
5:	150.000MHz	58.192 Ω	-6.339 Ω	167.376pF
6:	156.000MHz	36.198 Ω	5.497 Ω	5.608nH
7:	158.000MHz	46.006 Ω	13.389 Ω	13.487nH
8:	160.000MHz	62.227 Ω	4.780 Ω	4.755nH
9:	161.000MHz	62.078 Ω	-6.283 Ω	157.324pF
10:	180.000MHz	31.271 Ω	-17.031 Ω	51.916pF

FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2