ANT S.r.l.
Via della Concordia, 4 – 37036
S. Martino B/A (VR) - Italia
Tel. +39 045 8781380
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DESCRIPTION

169 MHz ½ wave antenna
Omnidirectional antenne designed for coastal and near-sea locations.

ABM-S-169

P/N: H01-003

ELECTRICAL DATA

Frequency Range (V.S.W.R. < 2 : 1)	166 / 176 MHz
Impedance:	50 Ω
V.S.W.R. at 169MHz:	< 2 : 1
Max Power:	15 W
Polarisation:	Linear
Radiation:	Omnidirectional
Gain at 169 MHz:	2.1 dBi

MECHANICAL DATA

Dimentions (about):	830x45x55 mm
Connection:	BNC socket
Cable:	(extension cable on request)
Operating temperature range:	-35° / +80°C
Weight (about):	0.300 kg
Radiating element material:	Rod of varnisched glassfiber with cupper core.
Accessories:	Bracket for pole/wall mounting.

Protection against static electricity: The antenna is designed with the rod electrically connected to the mass, so that the antenna is protected against electrostatic discharges.
Protection against oxidation: The antenna is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented: the antenna is expecially designed to be used in coastal areas aswell as near-sea locations.
Protection against accidental hits: The antenna is designed making sure persons are protected from accidental hits against its projecting parts: the whip is protected with a special cover and the bracket has no cutting edges.

MOUNTING INSTRUCTIONS
Please use Ø 5mm Fischer plugs for Ø 5mm holes.

WARNING:
The antenna is designed to work without groundplane.

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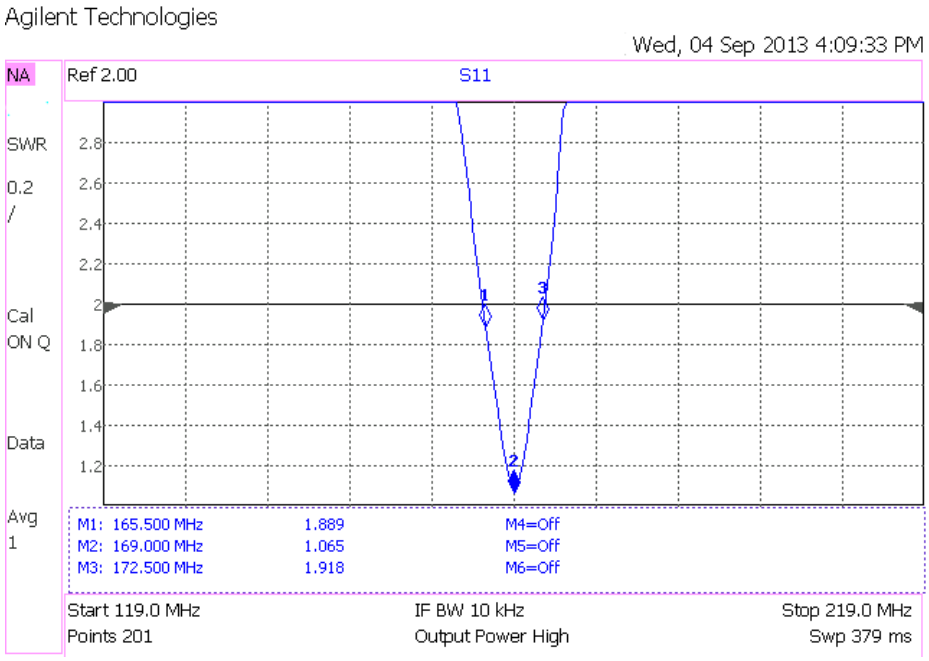
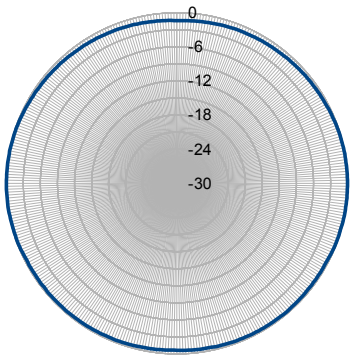
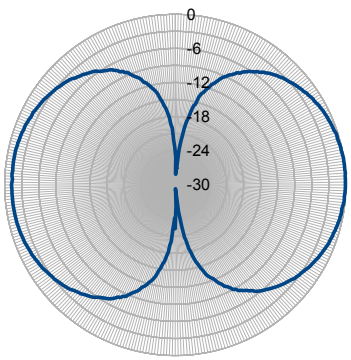
V.S.W.R.



Radiating Pattern



169 MHz H-plane



169 MHz E-plane