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	169 MHz Collinear Antenna (two dipoles) 169 MHz	

OC-5dBi-169

P/N: M04-000

ELECTRICAL DATA

Frequency Range: 164 / 174 MHz
(V.S.W.R. < 2 : 1)
Impedance: 50 Ω
V.S.W.R. at 169MHz: <1,5 : 1
Max Power: 150 W
Polarisation: Linear
Radiation: Omnidirectional
Gain at 169 MHz: 5 dBi
Vertical Angle: 11°
Beamwidth -3 dB: 43°
Short-circuited: Yes

MECHANICAL DATA

Length (about): 2200 mm
Connection: N socket
Cable: (extension on request)
Operating temperature range: -35° / +80°C
Weight (about): 1.900 kg
Radiating element material: Copper with varnished glassfiber radome (Ø22 mm)
Accessories: Clamps for mounting on pole Ø min. 30 mm (1 inch) max 60 mm (2 inch)



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 components is prevented.

MOUNTING INSTRUCTONS

Pole Mounting: Please use the provided mounting clamps for mounting on pole Ø min. 30 mm (1 inch) max 60 mm (2 inch)

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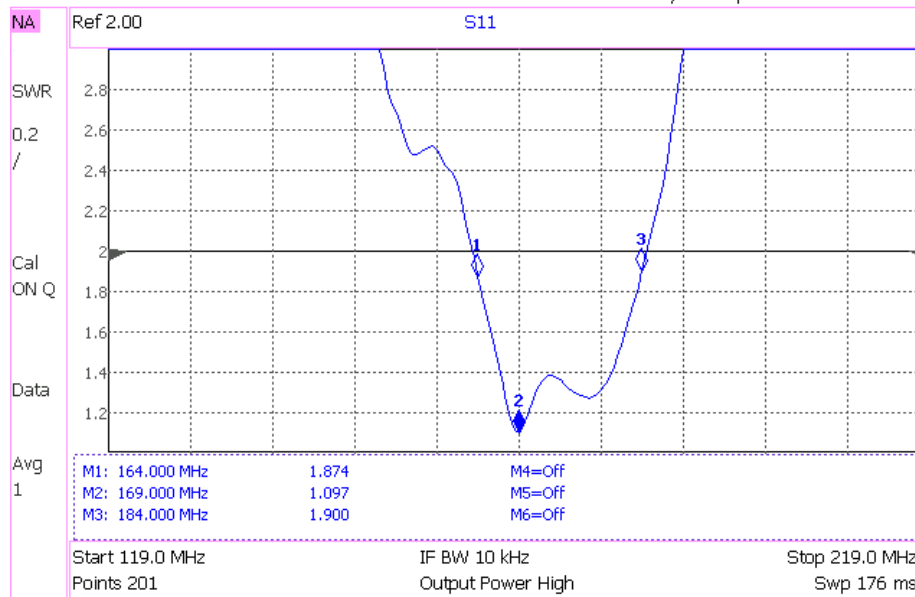
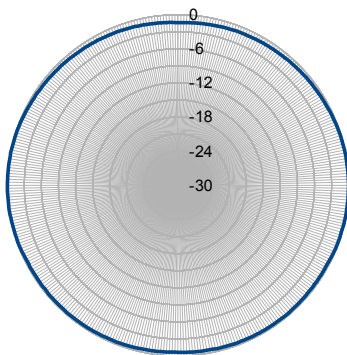
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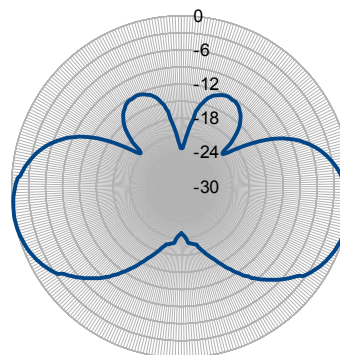
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Agilent Technologies

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**Radiating pattern**

169 MHz H-plane



169 MHz E-plane