

Application:

The AV9 is a centered coaxial halfwave dipole for use in 68-88 MHz band.

The dipole element is embedded in polyurethane foam and enclosed in a fiberglass reinforced tube.

Electrical specifications:

Frequency range	AV9-69: 68-70 MHz AV9-76: 75-77 MHz AV9-86: 85-87 MHz
Nominal impedance	50 ohm
Power rating	250 W
Gain	2 dbi
Pattern	Omnidirectional
Polarization	Vertical
Connector	N-female standard, UHF connector on request
VSWR	< 1.5

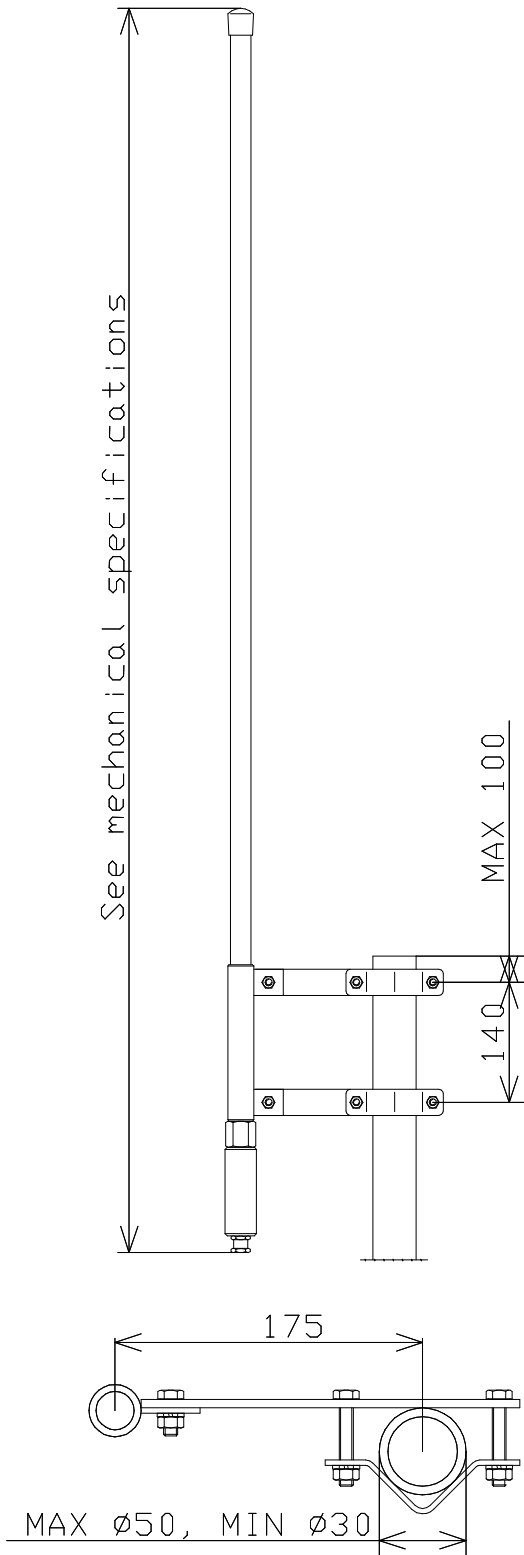
Mechanical specifications:

Design	Centered coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanized mounting hardware.		
Height	Av9-69:	2.9m	(9.7 ft)
	AV9-76:	2.7m	(9 ft)
	AV9-86:	2.4m	(8 ft)
Weight	1.5 - 2 kg		
Wind rating	55 m/s = 125 mph		
Finish	Polyurethane lacquer, white		
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F		

Mounting:

AV9 antennas are easily mounted into two welded brackets or clamped on to a mast or a post. Clamps of type ATC are included. The connector is protected by plastic tube with stuffing nut.

Suitable cable: RG8, RG213 or similar.



Dimensions in mm.