

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 fibreglass 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.

