

# COMROD AV57BI

## 4' - VHF Dipole Antenna

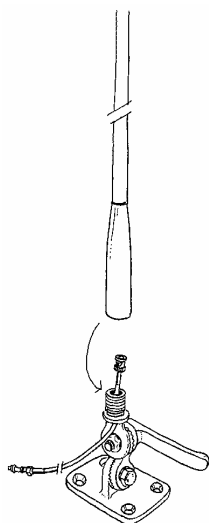


### Application:

AV57BI is a high quality dipole antenna designed for the satellite messaging systems. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels.

### Electrical specifications:

Frequency range	137-150 MHz, VSWR < 2:1
Nominal impedance	50 ohm
Power rating	100 W
Gain	3 dB
Pattern	Horizontal plane: Omnidirectional Vertical plane: See radiation pattern below
Polarization	Vertical
Connector	UHF female is standard
DC-grounded	Yes

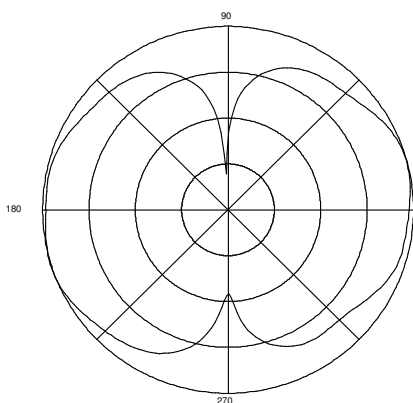


### Mechanical specifications:

Design	Centered coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Mounting bracket in aluminium.
Height	1.26 m (4 ft)
Weight	1 kg, including U-bolts
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

### Mounting:

The AV57BI is fitted with UNS1"x14 female ferrules. Can be used with all standard mounting accessories. Integrated BNC female coaxial connector. All BI versions come with a tool to mount the BNC male coaxial connector inside the stainless steel ferrule.



Radiation pattern

AV-C adapter: To be able to make all 4ft. And 8ft. -BI version antennas - to a side feed cable version (to compensate for all C-version) - AV-C adapter is required.

4-way bracket and coaxial cable not included

UNS: Unifield Special