

# COMROD AC11-BI

## 4' Combined VHF and 900MHz antenna

### Application:

The AC11-BI is a high quality dual dipole antenna designed for the maritime VHF radio telephone service and for cellular telephones in the 900MHz (GSM) band. It may be installed on all kinds of vessels, from pleasure crafts to ocean liners. Because it combines two different antennas, it is specially suited where space is restricted. It does not require a ground plane.

Splitter with separate VHF and UHF connectors is available.

It comes with integrated BNC coaxial contact.

### Electrical specifications:

Frequency range	156-162 MHz 890-960 MHz
Nominal impedance	50 ohm
Power rating	50 W on VHF, 25 W on UHF
Gain	3 dB
VSWR	≤ 2/1
Pattern	Horizontal plane: Omnidirectional
Polarization	Vertical
Connector	BNC female

### Mechanical specifications:

Design	Centered dual band coaxial dipole. Radiating elements completely enclosed in polyurethane foam
Height	4' (1.25 m.)
Weight	0.5 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +70 °C; -67 °F, +158°F

### Mounting:

The AC11-BI 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.

4-way bracket and coaxial cable not included

UNS: Unifield Special

