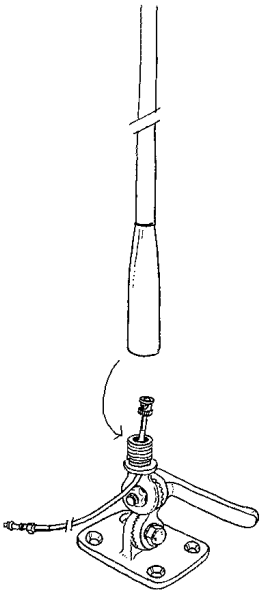
COMROD AC11BI-4

4’ Combined VHF and 900MHz antenna



Application:

The AC11BI-4 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 ocean liners to pleasure crafts. 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.

Electrical specifications:

Frequency range	156-162 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	Centerfed dual band coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube.
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 AC11BI-4 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.

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

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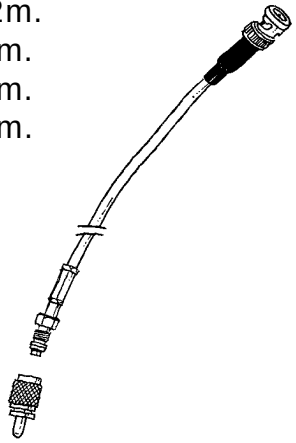
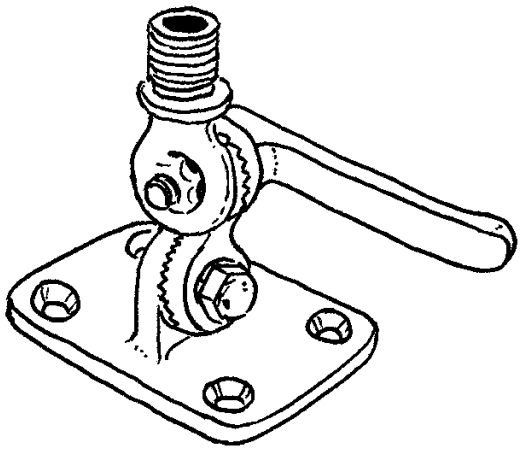
Supplement: (optional extra)

RG58 Cable.

Available in:
40ft 12m.
23ft 7m.
16ft 5m.
2ft 0,6m.



4 way bracket.



Extension Masts.