

UHF727 Series

0.5 m, UHF, Cellular, LTE, 2G to 5G, 3 dBi, one piece whip, dipole, end feed, mast mount, 700–5900 MHz

Commercial and Marine Antennas



UHF727M

Application

UHF727 is a stacked dipole antenna designed for 2G to 5G cellular technology. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels. The UHF727M base design allows for mounting onto a vertical or horizontal pole, as well as bolting directly onto a bulkhead. The UHF727BI has a UNS 1"x14 female thread, the UHF727P has a BSP 1"x11 female thread. Both are compatible with standard marine mounting accessories.

Electrical Specifications

	UHF727M / UHF727P	UHF727BI
Frequency Range	700–5900 MHz	700–5900 MHz*
VSWR	1.9:1 (nominal), 3.5:1 (max)	700–2700 MHz 1.9:1 (nominal), 3.5:1 (max) 2700–5900 MHz* 5:1 (max)
Nominal Impedance	50 Ω	50 Ω
Power Rating	40 W	40 W
Gain	3 dBi (nominal)	3 dBi (nominal)
Radiation Pattern	Omnidirectional	Omnidirectional
Polarisation	Vertical	Vertical
Connector	N Type Female	BNC Female

* UHF727BI - Reduced performance from 2700–5900 MHz



UHF727P



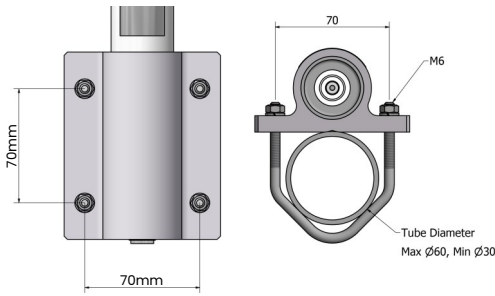
UHF727BI

Mechanical Specifications

Design	Stacked dipole elements. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, aluminium and stainless steel.
Dimensions	50 cm tall, Ø 38 mm
Weight	1.0 kg
Mounting	See page 2
Wind Rating	55m/s (201 kph)
Finish	Polyurethane lacquer
Temperature Range	- 55°C to + 71°C

Antenna Mounting Configurations

UHF727M (N female connector)



Tube or Wall Mount

UHF727M is mounted to the bulkhead by means of 4 holes in the aluminium bracket, or to a mast or tube with U-bolts. The tube may be horizontal or vertical. Stainless steel U-bolts are included.

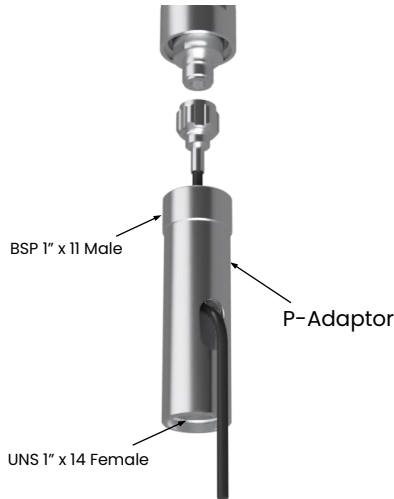
UHF727P (N female connector)



BSP 1" x 11 female nut mount

To be mounted on a superstructure with BSP 1" x 11 male thread.

To enable the cable feed to exit above the mounting structure, a P-Adaptor is required (see below).



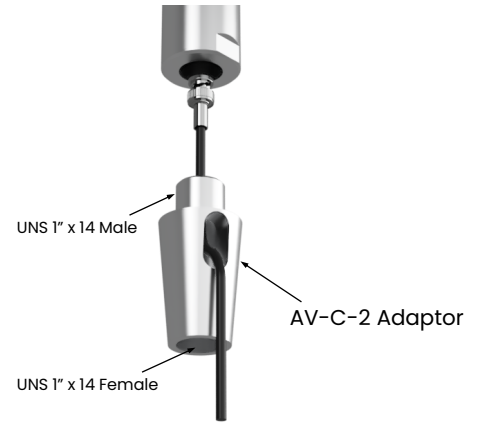
UHF727BI (BNC female connector)



UNS 1" x 14 female thread mount

To be mounted on a superstructure with UNS 1" x 14 male thread.

To enable the cable feed to exit above the mounting structure, an AV-C-2 adaptor is required (see below).



The BI version is supplied with a tool to fit the BNC male coaxial connector inside the antenna base ferrule.



Mounting Accessories

Comrod has a range of antenna mounting brackets and adaptors for P series and BI series antennas, for more details email sales@eylex.com.au



4-Way Adaptor



Straight Adaptor

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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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