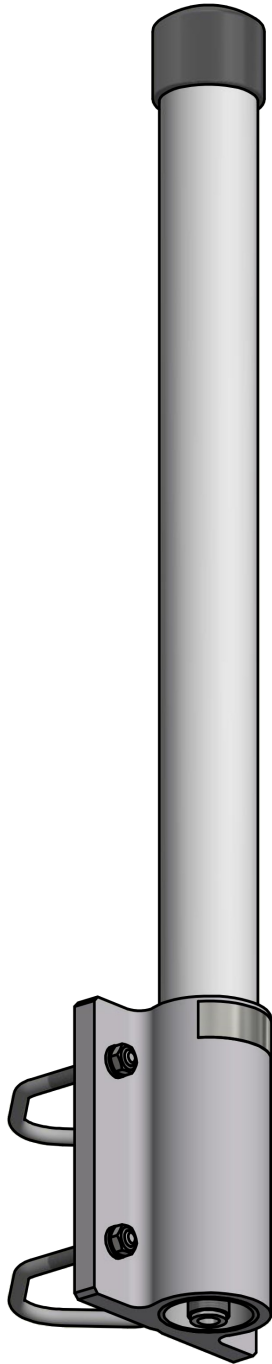




**UHF427P**



**UHF427M**

### Application

UHF427 Series is a wideband dipole antenna designed for LTE frequency bands. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels. Two antenna bases are available to suit the mounting requirement.

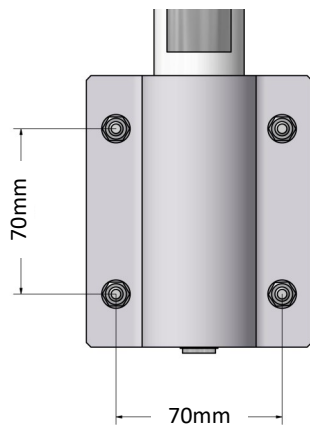
### Electrical specifications:

Frequency range	450-470 MHz 698-960 MHz 1710-2690 MHz
VSWR	2.5:1 typical (max 3:1)
Nominal impedance	50Ω
Power rating	20W
Gain	Average 1dBi, minimum -3dBi (see curve)
Radiation pattern	Omnidirectional
Polarization	Vertical
Connector	N Type Female

### Mechanical specifications:

Design	Dipole element. Radiating elements completely enclosed in epoxy/ fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Length	50cm (20 in)
Weight	1.0 kg (2.2 lbs)
Mounting	UHF427M - 30-60mm tube (U-bolts) or direct wall mount  UHF427P - Bayonet thread BSP 1" x 11
Wind rating	55m/s (123 mph)
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

## Antenna Mounting Configurations



**UHF427M**

### Tube or wall mount

UHF427M is easily mounted to the bulkhead by means of 4 holes in the aluminium bracket, or to a mast or tube with the supplied stainless steel U-bolts. The mounting tube may be horizontal or vertical.



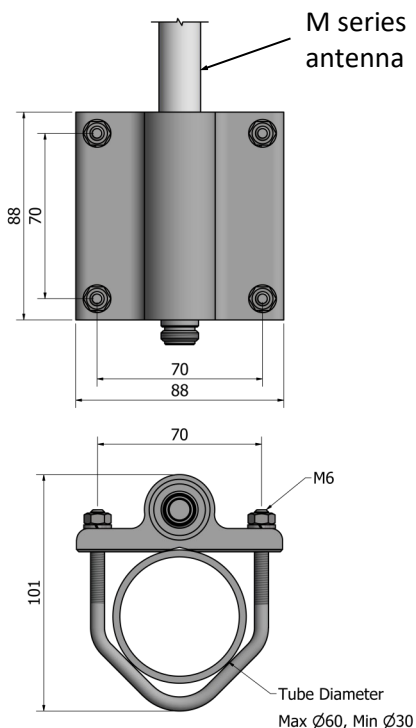
**UHF427P**

### Bayonet thread mount

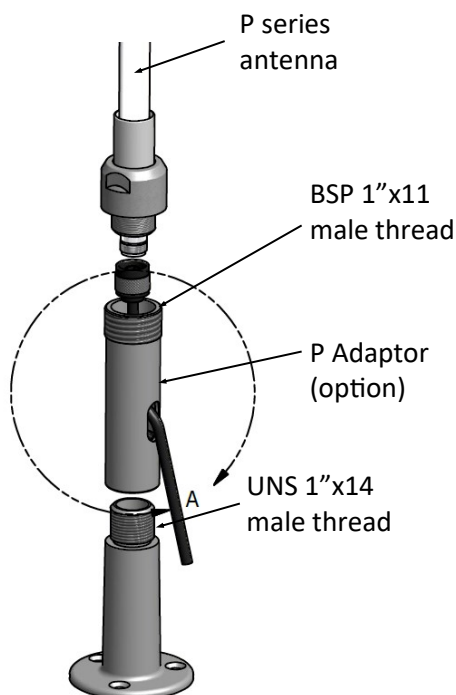
UHF427P is mounted via a BSP 1" x 11 female nut. Mounting accessories are available for Comrod P-Series antennas, see below.

## Mounting Accessories

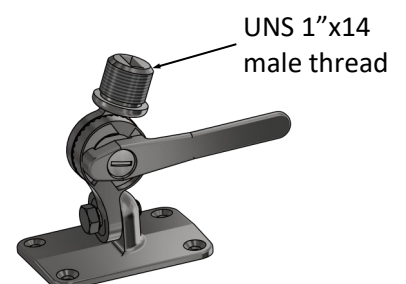
Comrod has a range of antenna mounting brackets and adaptors for P series and BI series antennas. Please visit Comrod website [www.comrod.com](http://www.comrod.com) for more details or email [sales@comrod.com](mailto:sales@comrod.com)



Mast mount bracket  
(standard on UHF427M)



Straight mount bracket  
(option for UHF427P)



4-Way Bracket  
(option for UHF427P  
combined with P Adaptor)

