

Application

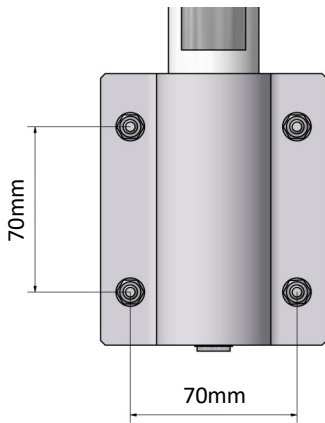
UHF727 is a stacked dipole antenna designed for LTE frequency bands. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels. The base also makes it easy to directly install on buildings.

Electrical specifications:

Frequency range	700-2700 MHz
VSWR	1.9:1 (nominal), 3.5:1 (max)
Nominal impedance	50Ω
Power rating	40W
Gain	3 dBi (nominal)
Radiation pattern	Omnidirectional within ±2dB
Polarization	Vertical
Connector	UHF727M - N Type Female UHF727BI - BNC Female

Mechanical specifications:

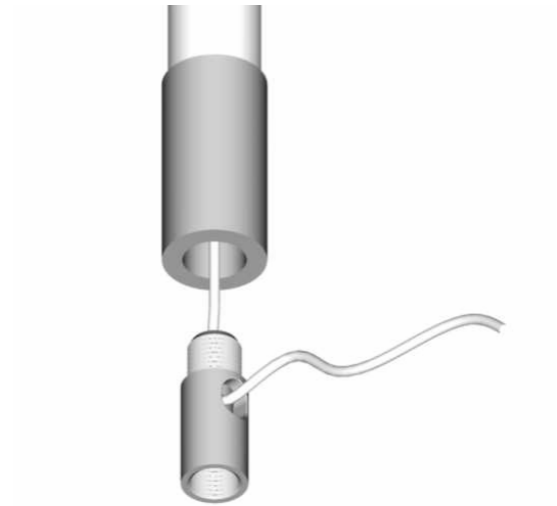
Design	Stacked dipole elements. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Length	50cm (20 in)
Weight	1.0 kg (2.2 lbs)
Mounting	30-60mm tube (U-bolts) Direct wall mount
Wind rating	55m/s (123 mph)
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F



UHF727M
(N female connector)

Tube or wall mount

UHF727M is easily mounted to the bulkhead by means of 4 holes in the aluminum bracket, or to a mast or tube with U-bolts. The tube may be horizontal or vertical. The U-bolts in stainless steel, are included. Suitable cable: RG58, RG213 or similar.



UHF727BI
(BNC female connector)

UNS 1@ x 14 thread mount

To be mounted at superstructure with UNS 1"x14 base. To be able to have cable feed at the bottom of the antenna, above the mounting bracket, an AV-C adapter (included) can be used. UNS: Unifield Special

The BI version is supplied with a tool to mount the BNC male coaxial connector inside the stainless steel ferrule.

