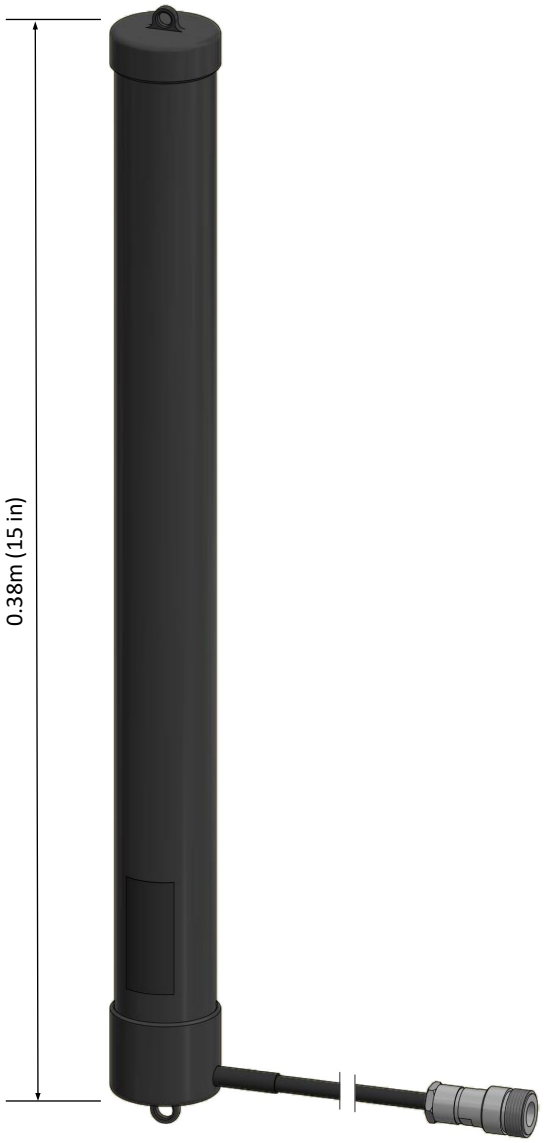
UHF727MP

Wide-Band LTE Antenna



Features:

- 698-2700 MHz (covers multiple LTE bands)
- Stacked dipole construction
- Single connector on 200mm coaxial cable
- Designed to be elevated on in-service masts or hoisted using a suitable tree or non-conductive structure
- Rugged high quality antenna with a durable construction
- Can be combined with Comrod 60mm magnetic base for temporary installation on a magnetic surface

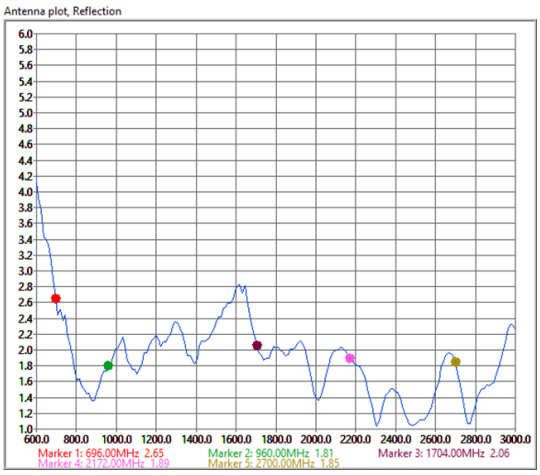
Electrical specifications:

Frequency range	698-2700 MHz Optimized bands: 698-906/1710-2170/2400-2700 MHz
VSWR	2.2:1 nominal, 3.5:1 max (see plot)
Nominal impedance	50Ω
Power rating	40W
Gain	3dBi nominal (see plot)
Radiation pattern	Omnidirectional within ±2dB
Polarization	Vertical
Connector	N Type Female (others on request)

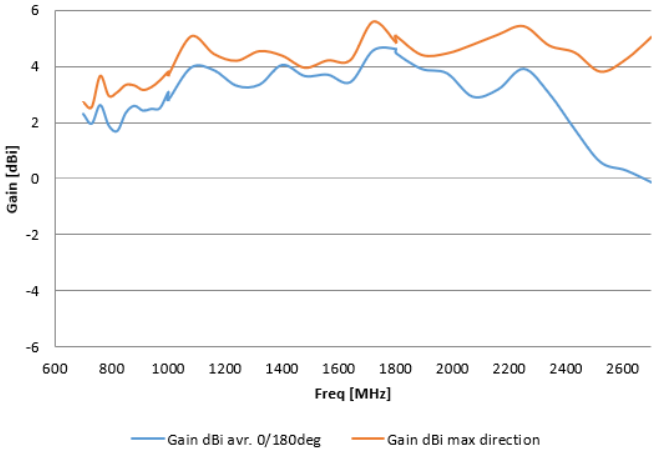
Mechanical specifications:

Design	Stacked dipole elements. Radiating elements completely enclosed in epoxy/ fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Dimensions	38cm (15 in) tall, Ø37mm (1.5 in)
Weight	0.2kg (0.44 lbs)
Wind rating	55m/s (123 mph)
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

VSWR



Gain

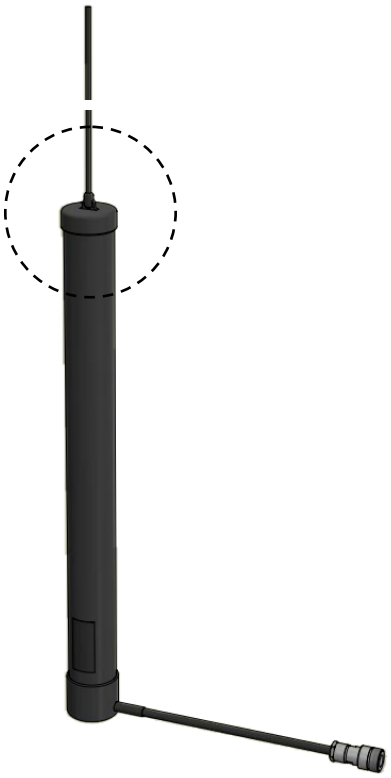


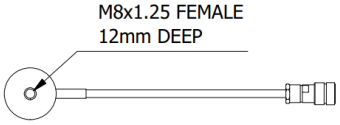
Applications

Hoisted

Attach a suitable rope to the top cap eye and hoist the antenna using a non-conductive support such as an in-service mast, tree or other structure. A Ø6.2mm eye bolt is attached to the base used to attached coaxial cable strain relief clip.

Ø6.2mm eye bolt





Magnet Base Mount

Remove eye bolt and attach to Comrod 60mm magnetic base using M8 female thread. Rubber cap supplied with magnetic base for surface protection.