

Wideband Terminal Antenna

DESCRIPTION

- For Cellular, IoT and WiFi connections in 600 MHz - 6000 MHz frequency bands
- 2G/3G/4G - and 5G-ready
- Low profile design which enables installation in locations where it is not practical for a normal antenna to be located.
- Mount on glass, fibreglass, or other non-conductive surfaces.
- Protected to IP67 for installation in all weather environments



SPECIFICATIONS

Electrical	
Frequency	600 - 6000 MHz
Antenna Type	Wideband radiator
Max. Input Power	25 W
Polarisation	Vertical
Pattern Type	Omnidirectional
Impedance	50 Ω
Gain	See radiation diagrams below
VSWR	< 2:0:1 (for 600 - 960 MHz / 1710 - 6000 MHz)

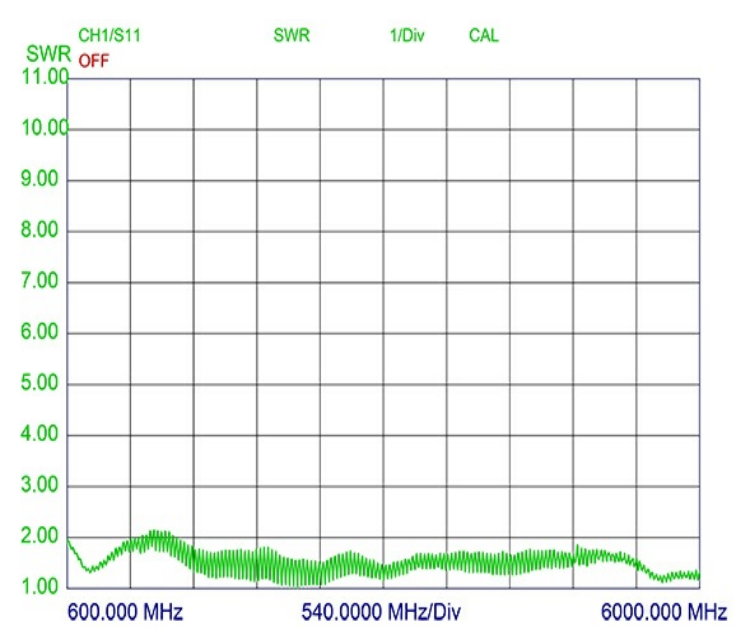
Mechanical	
Connection(s)	Low Loss RG58 + SMA Male IP67
Materials	TPS
Colour	Black (RAL 9005)
Dimensions	152 x 63 x 9 mm / 5.98 x 2.48 x 0.35 in.
Weight	Approx. 0.215 kg / 047 lb.
Mounting	4 x Ø 4.2 mm

Environmental	
Operating temperature range	-50 °C to +75 °C
Ingress Protection	IP67

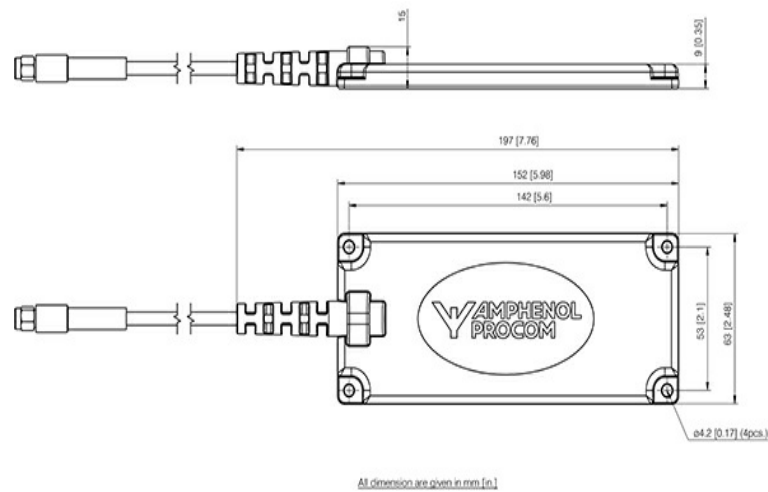
ORDERING

Model	Product No.	Frequency
UWTA 600-6000/1M/SMA	140000801	600-6000 MHz
UWTA 600-6000/3M/SMA	140000802	600-6000 MHz

TYPICAL VSWR CURVE

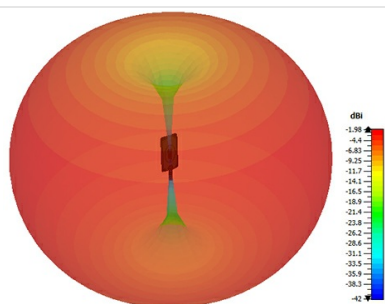


MECHANICAL DIMENSIONS

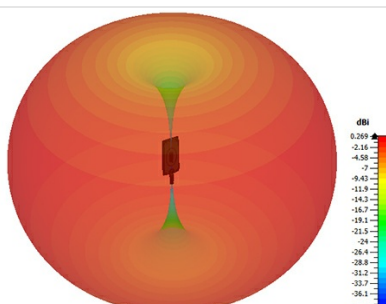


RADIATION PATTERNS

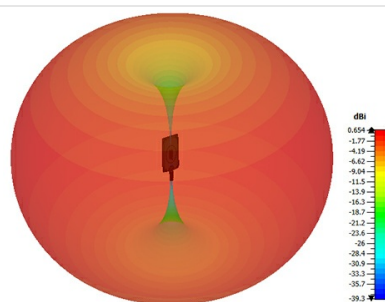
650 MHz



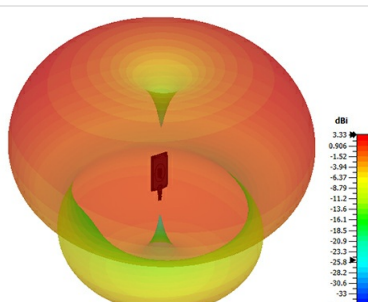
750 MHz



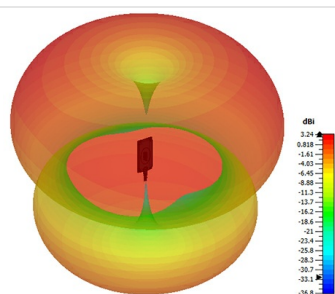
900 MHz



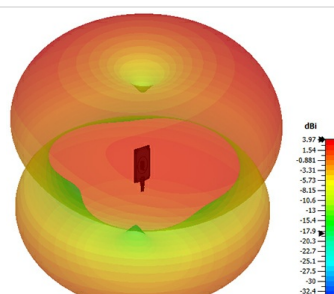
1800 MHz



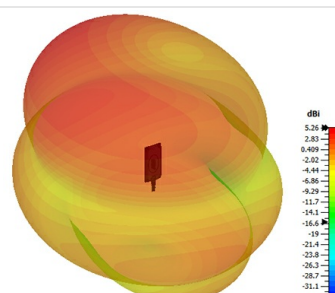
2100 MHz



2600 MHz



3500 MHz



5500 MHz

