

## 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<br>(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 /<br>5.98 x 2.48 x 0.35 in. |
| Weight        | Approx. 0.215 kg / 047 lb.                  |
| Mounting      | 4 x ø 4.2 mm                                |

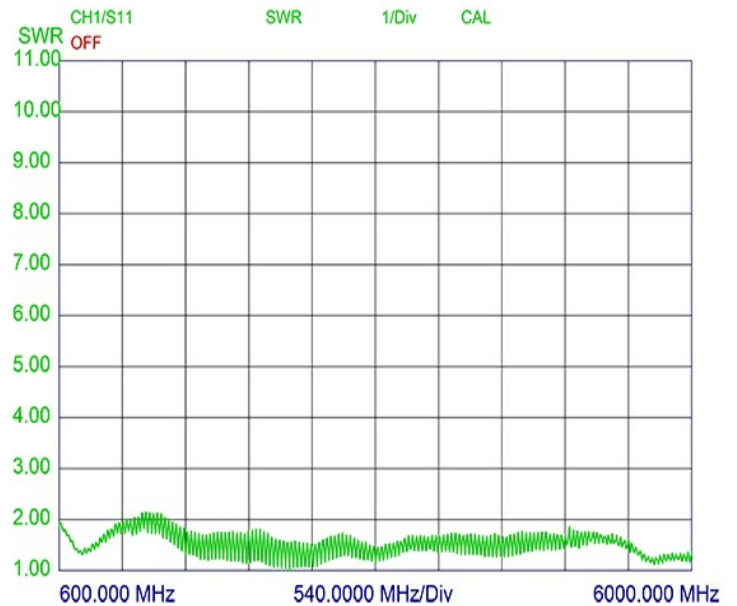
  

| Environmental               |                  |
|-----------------------------|------------------|
| Operating temperature range | -50 °C to +75 °C |
| Ingress Protection          | IP67             |

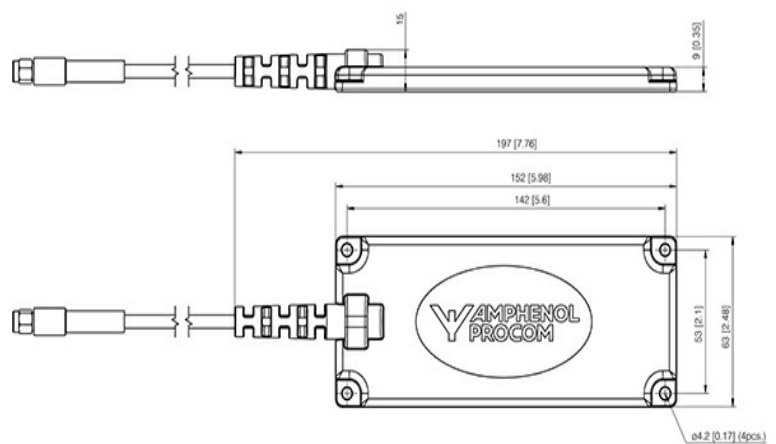
### ORDERING

| 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



All dimensions are given in mm [in.]

RADIATION PATTERNS

