

# UWTA 600-6000

## 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

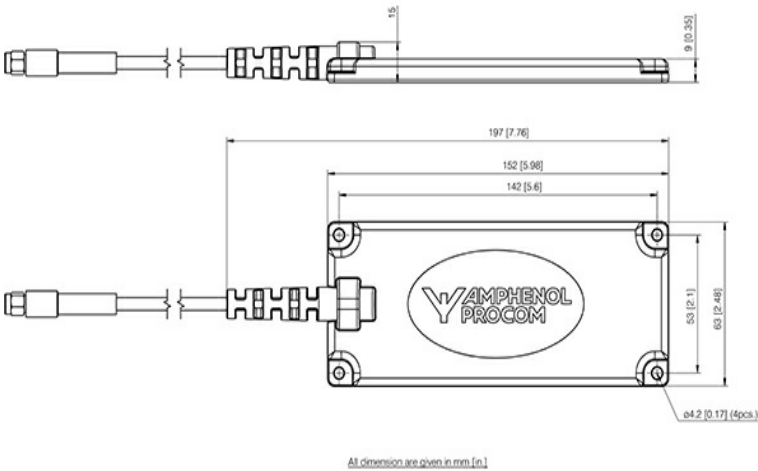
| Electrical                  |                                                  |
|-----------------------------|--------------------------------------------------|
| Frequency                   | 600 - 6000 MHz                                   |
| Antenna Type                | Wideband radiator                                |
| 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 / 5.98 x 2.48 x 0.35 in.         |
| Weight                      | 0.215 kg / 047 lb.                               |
| Mounting                    | 4 x ø 4.2mm                                      |
| Environmental               |                                                  |
| Operating Temperature Range | -50°C to +75°C                                   |
| Ingress Protection          | IP67                                             |

### ORDERING

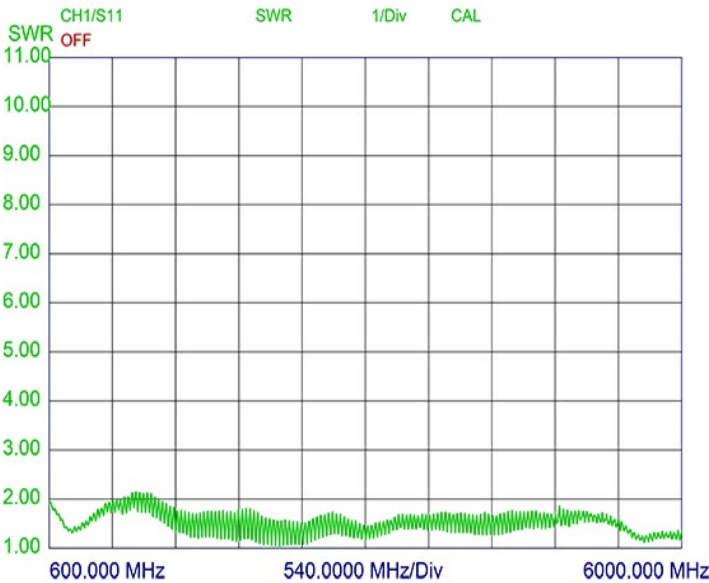
| Model                | Product No. | Frequency    |
|----------------------|-------------|--------------|
| UWTA 600-6000/1M/SMA | 140000801   | 600-6000 MHz |
| UWTA 600-6000/3M/SMA | 140000802   | 600-6000 MHz |



### DIMENSIONS



### TYPICAL VSWR CURVES



RADIATION PATTERNS

