



IP64 GSM/GPRS & 3G Through Hole 0.75M SMA Male antenna

Part Number: TANGO3/0.75M/SMAM/S/S/31

The TANGO 3 is a through-hole mount, tri band GSM/GPRS and 3G/UMTS antenna.

The TANGO 3 range of antennas are built with a right angled screw thread that leads the cable in a 90° orientation to the antenna. Ideally suited to industrial and automotive applications, it can be mounted to panels up to 4mm thick and is manufactured with an O ring seal to prevent moisture ingress once installed. Built with a rugged over-mould made from high grade rubber ensures years of reliable performance. The brass foot has a ridged topside allowing secure fitting to the enclosure and a 6mm diameter screw thread for mounting the antenna. The Tango 3 can be mounted inside or outside, with its tough screw thread and durable over-mould. Therefore, this antenna can be used for a host of different GSM & 3G applications including: car park metering, utilities metering, traffic monitoring and many other M2M applications.

The Tango 3 is tuned to tri band GSM/GPRS, & 3G/UMTS frequencies, making this antenna a very mainstream performer. Its wide operating frequency band allows for expansive cellular applications over the tri band GSM/GPRS networks and also high data transfer rates via 3G/UMTS.



Features

- Compact size
- Flexible connector and cable options
- Quad Band Antenna with Tri band GSM plus 3G
- Panel mount - 13mm hole
- RoHS compliant

Specifications:

Electrical Specification:

Operating Temp: -40 to 85°C

Impedance: 50 Ohm

Gain: 0dBi

VSWR: <2:1

Polarisation: Vertical

Operating Frequencies:

GSM/GPRS: 900, 1800, 1900MHz

3G: 2.1GHz

Mechanical Specifications:

Dimensions:

Height: 77mm (base to tip) + panel thickness

Antenna Base Cover: 29mm Ø

Mounting Specification:

Panel Hole Size: 13mm with 11.3mmAF anti-rotate

Base Fitting: 29mm Ø onto a 6mm thread