

Installations

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5GHz DUAL PLANAR ANTENNA

Part Numbers:

TCANT116 – SMA - RP-SMA 1 metre leads.
TCANT117 – SMA - RP-SMA 2 metre leads.
TCANT118 – SMA - RP-TNC 1 metre leads.
TCANT119 – SMA - RP-TNC 2 metre leads.

Note: Differing Cable lengths and connectors can be supplied on request.



Technical Data.

Electrical Properties

Frequency range 5150 – 5875 MHz
Impedance 50 Ω
VSWR 1.6
Polarization dual linear, $\pm 45^\circ$ slant
Gain 10 dBi
3 dB beamwidth horizontal 60°
3 dB beamwidth vertical 60°
Downtilt 0°
Isolation between ports 25 dB
Front to back ratio 22 dB
Max. power 75 W (CW) at 25°C

Mechanical & Environmental Properties

Dimensions 101 x 95 x 32 mm
(3.98" x 3.74" x 1.26")
Weight 0.11 kg (0.24 lbs.)
Radome material ASA
Radome colour RAL 7035 (light grey)
Mounting socket material ASA
Mounting socket colour RAL 7042 (dark grey)
Back/base plane material aluminium
2002/95/EC (RoHS) compliant
Operating temperature range -40°C to $+80^\circ\text{C}$
Storage temperature range -40°C to $+80^\circ\text{C}$
Windload 15 N at 160km/h (100mph)

Radiation Pattern

