

Installations

TC Installations Limited
Units 11 – 13 Highlode Industrial Estate, Stocking Fen Road Ramsey, Cambridgeshire. PE26 2RB

Tele: +44 (0) 1487 710555
FAX +44 (0) 1487 710060

2.4 GHz DUAL PLANAR ANTENNA

Part Numbers:

TCANT107 – SMA - RP-BNC 1 metre leads.
TCANT108 – SMA - RP-BNC 2 metre leads.
TCANT112 – SMA - RP-SMA 1 metre leads.
TCANT113 – SMA - RP-SMA 2 metre leads
TCANT114 – SMA - RP-TNC 1 metre leads
TCANT115 – SMA - RP-TNC 2 metre leads

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



Technical Data.

Electrical Properties

Frequency range	2400 - 2485 MHz
Impedance	50 Ω
VSWR	1.5
Polarization Dual	Linear, Vertical $\pm 45^\circ$ slant
Gain	8 dBi
3 dB beamwidth horizontal	75°
3 dB beamwidth vertical	70°
Downtilt	0°
Isolation between Ports	25 dB
Front to back ratio	14 dB
Max. power	10 W (CW) at 25°C

Mechanical & Environmental Properties

Dimensions 101 x 80 x 35 mm
(3.98" x 3.15" x 1.38")
Weight 0.11 kg (0.24 lbs.)
Radome material LEXAN EXL 9330
Radome colour RAL 7044 (silkgrey)
2002/95/EC (RoHS) compliant
Operating temperature range - 40°C to + 80°C
Storage temperature range - 40°C to + 80°C
Water Tightness IP66/67
Windload 15 N at 160km/h (100mph)
Connectors SMA

