

# Installations

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## 5GHz 8dBi Weather Proof Omni Directional Antenna

### Part Numbers:

TCANT105	1 metre lead RP-SMA connector
TCANT106	5 metre lead RP-SMA connector
TCANT109	1 metre lead N Type connector
TCANT109/5	5 metre lead N Type connector
TCANT120	1 metre lead RP-TNC connector
TCANT121	5 metre lead RP-TNC connector

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



### Electrical Specification

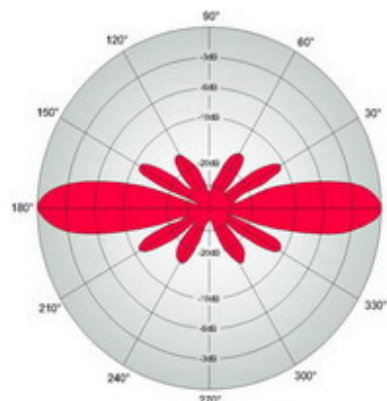
Frequency	5.150-5.875 GHz (Bands A,B C)
Polarisation	Vertical
Impedance	50 $\Omega$
VSWR	<2:1
Return Loss	better than -12 dB over BW
Gain	+8 dBi
Maximum Power	50 watts continuous
Connector	RP-SMA
Radiating Element	brass tubing, PCB
Radiating Pattern	Omni Directional

### Mechanical Specification

Length	205 mm
Diameter	29 mm max.
Weight	135 gms
Radome material	GRP
Colour	White
Base	Delrin™
2002/95/EC (RoHS) compliant	
Operating temperature range - 30°C to + 80°C	
Storage temperature range - 30°C to + 80°C	

It is completely weatherproof and is therefore suitable for either inside or outside mounting.

### E Plane Pattern



### H Plane Pattern

