

**ANTENNA FEATURES:**

- Single Polarised.
- Indoor and outdoor use
- Durable, rugged sealed box
- Weather resilient. IP rating of 67
- Easy to install
- Paintable and blends in with the surroundings

**ANTENNA DESCRIPTION:**

The ALC3G1F is a single band, single polarised antenna for indoor and outdoor use. The antenna is fitted with cables of *N-type* (female) connectors. This is optional and can be changed to customer requirements. This lightweight antenna can be easily mounted and blends in discretely with its surroundings. ALC3G1F has a nominal gain of 8dBi within the band. The box dimensions (cm) are: 13x13x3.75 (LxWxD).

**ELECTRICAL SPECIFICATION:**

Frequency	1900 - 2180 MHz
Gain	8.0 dBi
Polarization	Single
Input Impedance	50 Ohms
Input VSWR	< 1.5:1 Maximum
Intermodulation Products	< -150 dBc for 1 x 20W carrier
Input Connectors:-	N-Type (f) on 400mm cable tail.

**Horizontal Radiation Pattern:**

Azimuth beamwidth (3dB)	65° ( $\pm 5^\circ$ )
Pol. Azimuth Tracking	< $\pm 1.5$ dB over a 120° sector
Front to back ratio	< -18 dB at $\pm 180^\circ$

**Vertical Radiation Pattern:**

Elevation Beamwidth	50° ( $\pm 2.0^\circ$ )
Electrical Downtilt	0°
Elevation Sidelobe Suppression	None
Electrical Null Fill	None