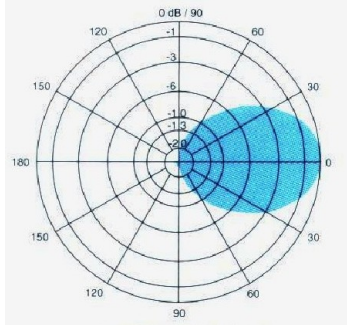


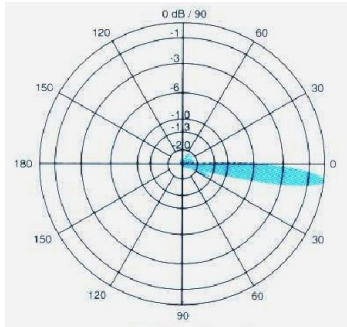
5106166



Horizontal Plane



Vertical Plane



65° DUAL BAND DUAL POLAR PANEL ANTENNA

The 5106 is a 3/4 size dual band dual polar 65° panel. Available in 2 port or 4 port configuration.

Type	5106
Product Code	5106 166 6° Electrical tilt (4 Port Version)
Frequency (MHz)	GSM 900 : 872-960 GSM 1800 : 1710-1880
Gain (dBi)	16
Maximum Power (Watts)	GSM 900 : 200 (Each Port) GSM 1800 : 120 (Each Port)
VSWR	<1.3 : 1
Horizontal Beamwidth (-3 dB)	GSM 900 : 63° (± 3°) GSM 1800 : 64° (± 5°)
Vertical Beamwidth (-3 dB)	GSM 900 : 10.5° (± 0.5°) GSM 1800 : 8.1° (± 0.5°)
Electrical Tilt	4° (±0.5°) / 6°
Elevation Side Lobe (dB)	>16 (0 to 20 above main beam)
Front to back Ratio (dB)	>25
Isolation (dB)	>30 Full band
Intermodulation	-106 dBm for 2 x 20 W carriers
Termination	4 x 7/16 type socket mounted on lower face of housing with connector protector and rain shields marked -45° & +45°
Mounting Bracket	To fit poles 48-115mm Dia., with ± 12° mechanical tilt at 1° intervals (7 kg)
Dimensions cm	180.5 x 28.7 x 13.2
Weight (kg)	14.5 (excl. brackets)
Windloading @45m/s (N)	700
Packing Details	Carton, 200 x 36 x 27 cm, 28 kg

