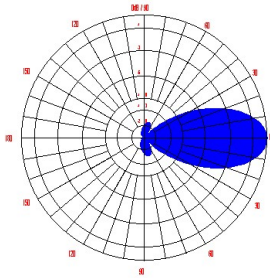


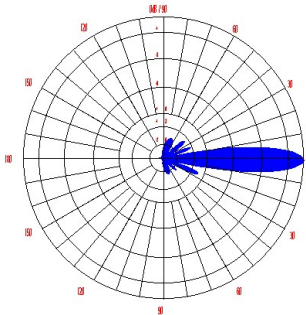
5140000



Horizontal Plane



Vertical Plane



40° GSM-R HIGH GAIN DUAL POLAR PANEL ANTENNA

A 40° Beamwidth High Gain Dual Polarised ($\pm 45^\circ$) Panel, developed for GSM-R systems. Latest construction technology gives the highest performance and excellent reliability, together with an ascetic appearance. (around 400mm wide only) Strong mounting clamps are provided, allowing fitting to poles of up to diameter 115mm.

Type	5140
Product Code	5140000
Frequency (MHz)	870 to 960
Gain (dBi)	2 x 17,5 (+/- 0,3 dB)
Maximum Power (Watts)	200 (Each port)
VSWR	< 1.5 full band, < 1.3 (876-930 MHz)
Horizontal Beamwidth (-3 dB)	40° ($\pm 3^\circ$)
Vertical Beamwidth (-3 dB)	14° ($\pm 0.3^\circ$)
Electrical Tilt	0°
Front to back Ratio (dB)	>30
Polarisation	$\pm 45^\circ$
Isolation all ports (dB)	>28 Full band
Intermodulation	-153 dBc maximum for 2 x 20 W carriers
Termination	2 x 7/16 DIN sockets mounted on lower face of housing with connector protector and rain shields
Mounting Bracket	Brackets to fit poles 48-115mm Dia., with 0° to +/- 15° mechanical tilt at 1° intervals.
Dimensions mm	1210 x 407 x 120
Weight (kg)	9.5 (excl. brackets)
Windloading @45m/s (N)	615
Packing	Carton

