

7823703

±45° / 7.0 - 8.0 dBi

Tri-sector antenna comprising nine wideband elements configured as three independent, vertically-stacked elements per sector all with ±45° polarisation.



Electrical Specifications	GSM	PCN	UMTS
Frequency:	880-960 MHz	1710-1880 MHz	1900-2170 MHz
Gain:	7.0 dBi	8.0 dBi	8.0 dBi
Input Impedance:	50 ohm		
VSWR:	<2.1:1 (<1.5:1 in Tx band)	<1.5:1	<1.5:1
Polarization:	One linear +45°, One linear -45° (to the vertical)		
Inter-Port Isolation:	>23 dB		
Azimuth Beamwidth:	80°	60°	60°
Elevation Beamwidth:	80°	60°	60°
Front to Back Ratio:	>20 dB		
Input Power:	25 W max per port		
Connector Type / Location:	18 x 7/16-DIN Female / Antenna Base		

Mechanical Specifications	
Colour:	Grey
Wind Loads (100mph; 160km/h; 45m/s):	420 N
Antenna Weight and Dims:	Weight: 19 kg Dimensions: 1400mm x 310mm diameter

Mounting Kit Options	
Pole Mounting Kit:	Base allowing a 310mm diameter flat surface. The antenna has to be bolted down with 6 M10 screws 60° apart in a 260mm diameter construction circle.

Unicell Options	
Lightning Protection Kit:	Part No. TRX-LPK

