

DUAL POLARISED DUAL-BAND ANTENNA GSM900/UMTS XP/72&65/15.5&17/2 or 6 TYPE 1747

- ❑ FOUR PORTS
- ❑ OPTIONAL IN-LINE TMA ENCLOSURE
- ❑ POLE AND WALL MOUNTING BRACKETS WITH PAN CAPABILITY

The dual-band dual polarised 1747 antenna offers a composite 2G and 3G solution that reduces the antenna hardware required to operate GSM900 and UMTS at the same sites. The antenna has Pole and wall mounting brackets that allows both downtilt and panning capability. The antenna also has an optional in-line mounting enclosure that will accommodate a tower mounted or masthead type amplifier (TMA or MHA).

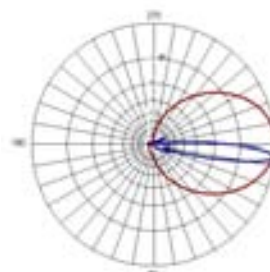
Superior circuit design coupled with advanced manufacturing techniques guarantee consistent product quality, with excellent intermodulation performance, product quality & performance.

TECHNICAL SPECIFICATION

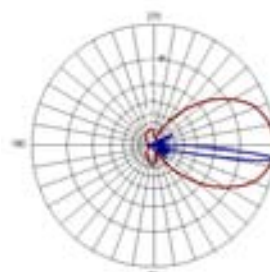
	GSM900	UMTS
Frequency	870-960Mhz	1900-2170Mhz
Gain	15.5dBi	17dBi
VSWR	1.4:1 max	1.4:1 max
Horizontal Beamwidth	72°	65°
Vertical Beamwidth	10°	5.5°
Polarisation	+45° and -45°	+45° and -45°
Fixed Electrical Downtilt	2° or 6°	2° or 6°
Upper Sidelobe Suppression	>18dB	>18dB
Front-to-Back Ratio	>25dB	>23dB
Isolation Between Ports	>30dB	>28dB
Isolation Between Bands	>40dB	>40dB
Power Rating	200W	200W
Connectors	2 x 7/16 DIN female	2 x 7/16 DIN female
Impedance	50Ω	50Ω
Lightning Protection	DC grounded	DC grounded
Dimensions (LxWxD)	2340 x 239 x 134 mm	
Wind Loading (Rear)	879N @ 45m/s	
Operational Wind Speed	45m/s	
Survival Wind Speed	56m/s	
Weight (antenna only)	14kg	
Temperature	-55° to +70°C	
Bracket Size	To suit pole 48-115mm	
Bracket	Downtilt 0-10° in 2° steps, Pan 30° in 10° steps	



Antenna only shown
(Without optional in-line
TMA enclosure)



GSM900



UMTS