



**GSM900 XP/3-90/16  
MODEL 1756**

- TRI-SECTOR MONOPOLE MOUNTING
- DUAL POLARISATION
- 3 X 90 DEGREE SECTORS

The antenna system is an array of 3 x 90 degree antennas mounted within a cylinder. The cluster diameter is 200mm, providing a very low profile to ease planning applications. The system is supplied complete with mini -stub tower allowing easy access to the coaxial feeders. The individual arrays can be supplied with 2, 4 or 6 degrees of fixed electrical tilt and the system can be supplied with any combination to suit the site requirements. Orientation of the system is carried out by rotation of the cylinder.



**Technical Specification**

Frequency	870-960 MHz
Horizontal Beamwidth	3 x 90°
Vertical Beamwidth	6.5°
Gain	15.8 dBi
VSWR	1.3:1 maximum
Front-to-back ratio	>16 dB
Upper sidelobe suppression	> -11 dB
Fixed electrical downtilt	2, 4 or 6°
Isolation	>22 dB
Connectors	6 x 7/16" DIN female
Power rating	200 watts per port
Operational wind speed	45 m/s
Survival wind speed	56 m/s
Wind loading	Antenna only 680N @ 45m/s
Dimensions	2810 x 200mm diameter
Stub Tower	0.3, 1.5 or 2 metres
Weight	82.5 Kg (inc. 2m tower)
Temperature Range	- 55°C to + 70°C

