

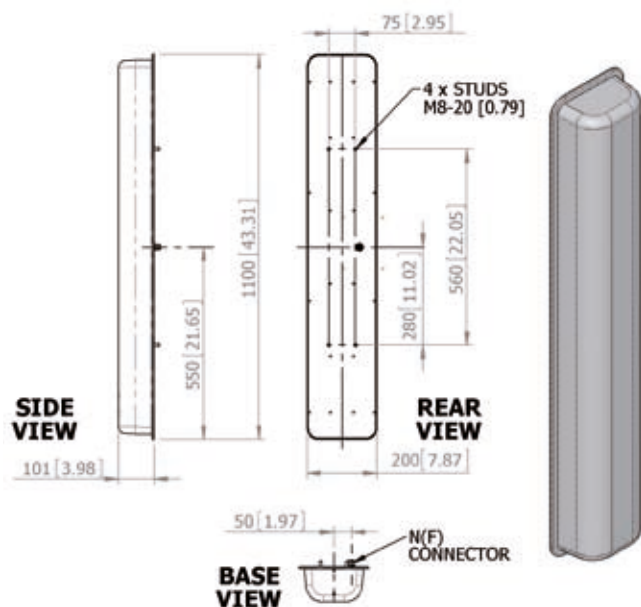
16.5dBi High Gain Sector Antenna

COFDM - Video, Audio Telemetry and IP Products

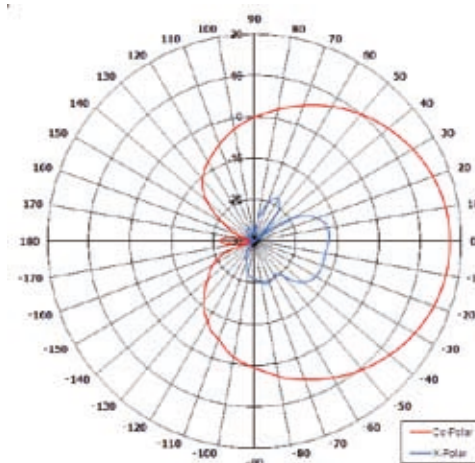
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June 2011 Data Sheet

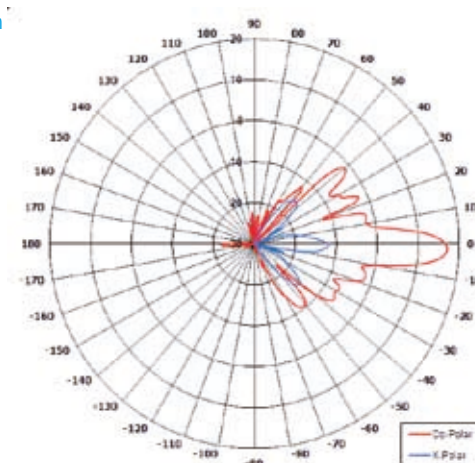
The most important thing we build is trust



Azimuth



Elevation



Specification:

Mechanical

Connector	N(f)
Height	Dependant on frequency range (2GHz model shown)
Width	200mm
Weight	4.0Kg
Colour	Grey Radome RAL 7035
Mounting Method	Wall or Pole

Electrical

Frequency Range	See Order Codes
VSWR	1.5:1 Typical
Feed Power Handling	50W
Gain (typical)	16.5dBi
Azimuth 3dB Beamwidth	64°
Elevation 3dB Beamwidth	8°
Polarisation	Vertical
Cross Polar	20dB typical
Electrical Tilt	2° down
Front to Back	>30

Environment

Wind Loading	3.75Kg @ 100mph
Temperature Operational	-40 to +60°C
Water and Dust resistance	IP66

All product specifications are subject to change without notice. Cobham Tactical Communications and Surveillance will not be liable for technical or editorial errors or omissions.

Product Code:

ANTN17-200240	Antenna, Sector, 60°, N(m), 16.5dBi, 2000-2400MHz
ANTN17-250300	Antenna, Sector, 60°, N(m), 16.5dBi, 2500-3000MHz
ANTN17-300350	Antenna, Sector, 60°, N(m), 16.5dBi, 3000-3500MHz
ANTN17-550600	Antenna, Sector, 60°, N(m), 16.5dBi, 5500-6000MHz
ANTN17-640700	Antenna, Sector, 60°, N(m), 16.5dBi, 6400-7000MHz
ANTN17-810860	Antenna, Sector, 60°, N(m), 16.5dBi, 8100-8600MHz

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