

Model 436662 Array Antenna

Radar and RF Microwave
Flat Plate Array Antennas

COBHAM

2015 Data Sheet

The most important thing we build is trust

Features:

- Lightweight
- Maximum contour gain

Description:

PHOTO NOT AVAILABLE

Broad elliptical beam antenna used with a video data transponder in a geosynchronous satellite. Constructed of brazed aluminum, designed for maximum contour and minimum weight

Specifications

S-Band Satellite Communications Antenna

Frequency Range		2.6 GHz \pm 60 MHz
Size		30 inches x 40 inches (approx.)
Weight		11 lbs.
Peak Gain		26 dB min.
Beamwidth (nom.)	E Plane	7.2°
	H Plane	10.9°
Sidelobe Levels	E Plane	-12 dB max.
	H Plane	122 dB max.
Polarization		Vertical
VSWR		1.50:1 max
Power Handling		150 W average
Environment		Geosynchronous orbiting satellite following launch profile

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