

Model 470028 Array Antenna

Radar and RF Microwave
Flat Plate Array Antennas

COBHAM

2015 Data Sheet

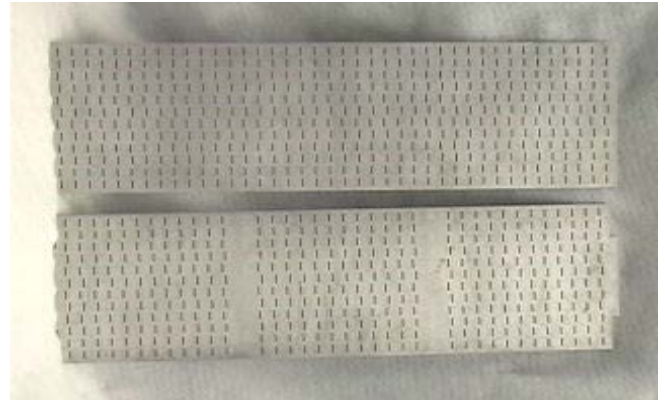
The most important thing we build is trust

Features:

- Rigid Construction
- Lightweight
- High Efficiency
- Broad Bandwidth
- Switchable Beams
- Shaped Beams
- Beam Matching
- High Power Capacity
- Airborne Qualified

Description:

X-Band antenna used in airborne applications where size, high gain and narrow beamwidth in E-plane are required.



Specifications

Frequency Range	9.555 ± 0.050 GHz
Size	4.2" x 17.7" x 0.9"
Gain	25 dB min.
Weight	0.8 Lbs.
Beamwidth	5.0 ± 0.2° E Plane 20° min. H Plane
Sidelobes	-22 dB max.
Polarization	Horizontal
Cross Polarization	-35 dB max.
VSWR	1.3:1 max.
Handling Power	4.5 kW Peak max. 90 W average max.

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