

X-Band Weather Radar Array Antennas

Radar and RF Microwave
Flat Plate Array Antennas

COBHAM

2015 Data Sheet

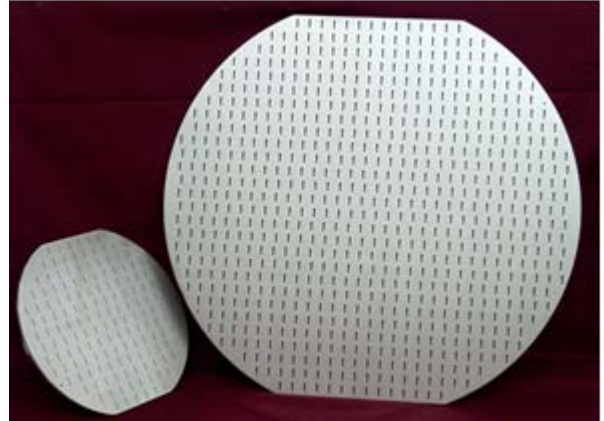
The most important thing we build is trust

Features:

- Lightweight
- High Efficiency
- High Power Capacity
- High Altitude

Description:

For use in high altitude, high performance aircraft; incorporating multipurpose radars. The X-Band series are the world's most popular weather radar antennas.



Specifications

Frequency Range	X-Band
Sizes (dia. in inches)	10, 12, 18 and 24
Power Handling	12 kW Peak (10, 12, and 18 inch models) 10 kW Peak (24 inch model)
Maximum Altitude	45,000 ft.

Model	Diameter (inches)	Gain	Sidelobes	VSWR	Peak Power	3 dB Beamwidth
436659	10	25.5 dB	-18 dB	1.4:1	12 kW	10°
436660	12	27.6 dB	-22 dB	1.4:1	12 kW	8°
436661	18	31.0 dB	-25 dB	1.4:1	12 kW	5.5°
432614	24	33.0 dB	-23 dB	1.75:1	10 kW	4.2°

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