

Model 470030 Array Antenna

Radar and RF Microwave
Flat Plate Array Antennas

2015 Data Sheet

COBHAM

The most important thing we build is trust

Features:

- Small Size
- Broad Bandwidth
- Dual Monopulse
- Lightweight



Description:

This model consists of a Ku-Band, double axis monopulse antenna and waveguide assembly with three separate WR62 inputs: Sum, Delta Azimuth and Delta Elevation

Specifications

Frequency Range	16.75 - 0.25 GHz
Size (inches)	9.44 max.
Weight	1.3 lbs.
Sum Channel Gain	29.8 dB min 30.0 dB min. at 16.75 ± 0.1 GHz
Sum Channel Beamwidth	6.3° max.
Sum Channel Sidelobes	6.0° max. for 16.75 GHz -21 dB max.
Null Depth for Difference Channels	-24 dB max. for 16.75 GHz -30 dB max.

Cobham Advanced Electronic Solutions
Integrated Electronic Solutions
11 Continental Drive
Exeter, NH 03833 USA

Tel: 1.603.775.5200
Email: exeter.sales@cobham.com