

# FPA7-0.4L/2127

**COBHAM**

## Directional Antenna

The most important thing we build is trust

### Key Features

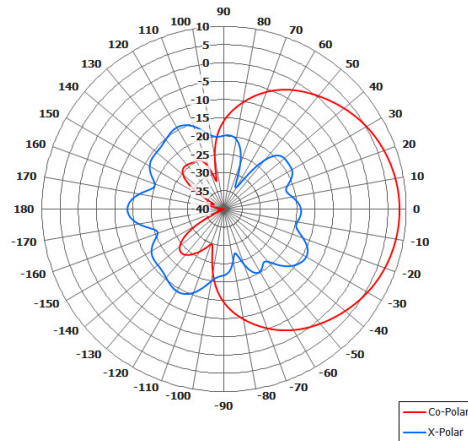
Rugged design

Low profile

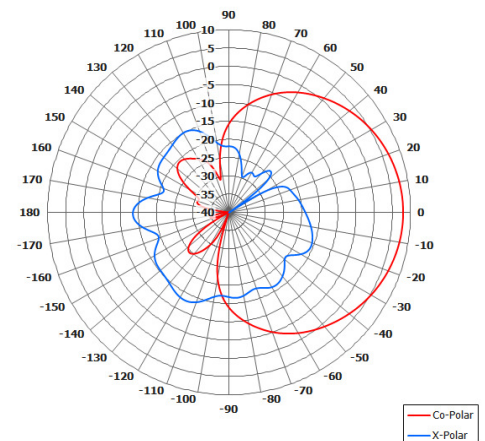
Directional pattern

High Power

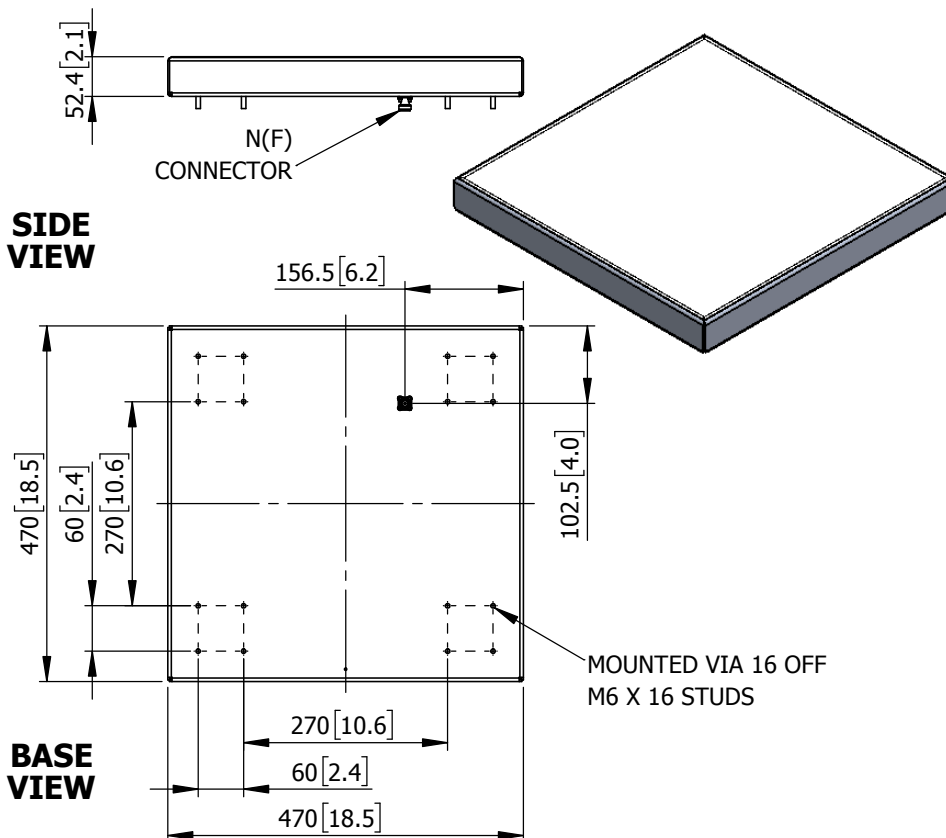
Circular Polarisation



Azimuth Polar Plot



Elevation Polar Plot



### ELECTRICAL

Frequency:	400-450 MHz
Gain:	6 dBiC Typ
Polarisation:	Left Hand Circular
Beamwidth:	65° (Az) x 65° (El) Approx.
Axial Ratio:	3dB Typ.
VSWR:	2:1 Max, <1.5:1 Typ.
Power Rating:	200 W
Front to Back:	>25 dB
Electrical Tilt:	0°

### MECHANICAL

Standard Finish:	White Radome, Aluminium Housing
Mass:	3.5Kg (7.7 lbs)
Temperature:	-20° to +50°C
Wind Loading:	316N @ 100 mph

### MOUNTING OPTIONS

Kits Available:	N/A
See Separate Data Sheets	

GA: 2127-1      Issued: 110119  
Dimensions: mm [inches]      M

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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