

FPA13-16RL/1089

COBHAM

Directional Antenna

The most important thing we build is trust

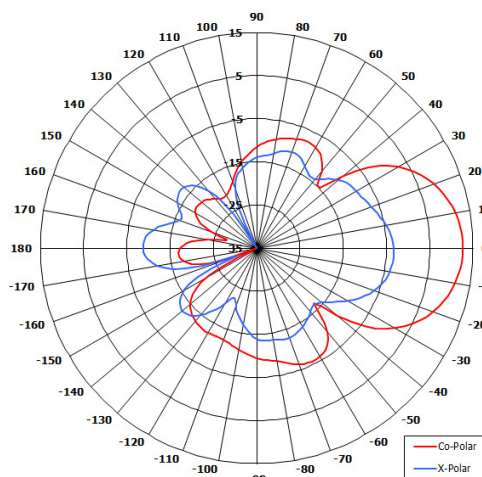
Key Features

Designed for Satellite Applications

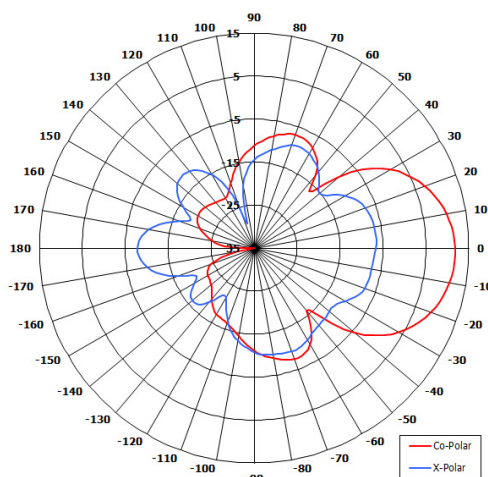
Dual Circular Polarisation

Low Profile

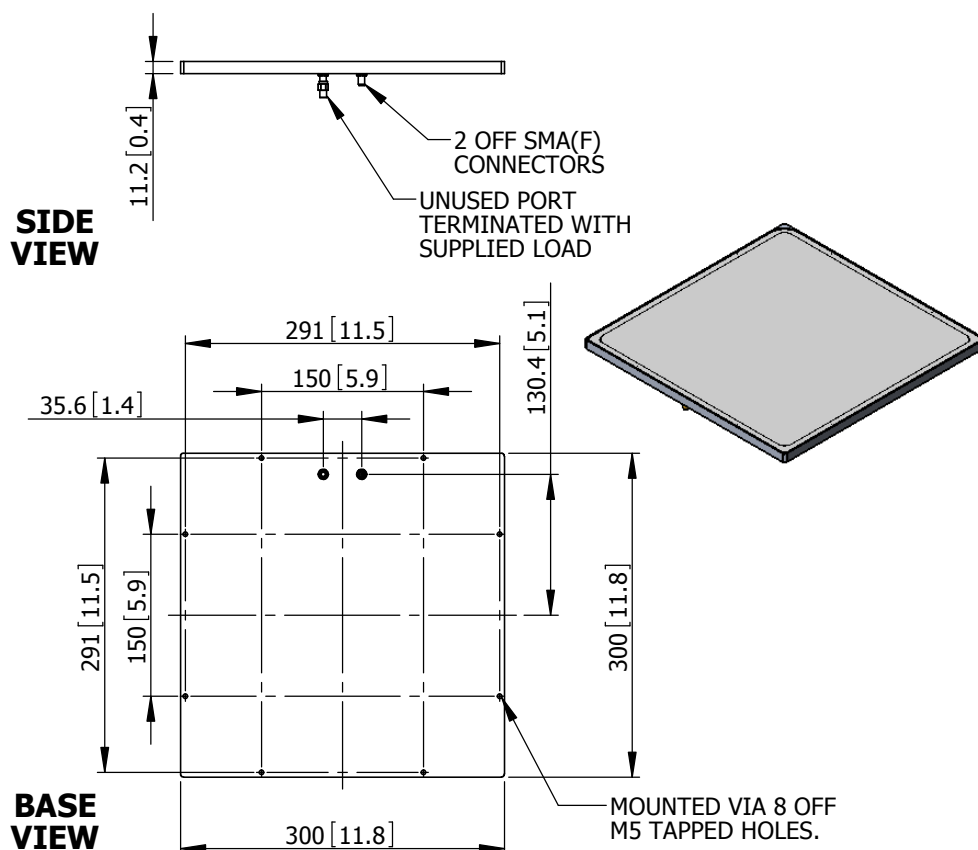
Compact



Azimuth Pattern Plot 1



Azimuth Pattern Port 2



ELECTRICAL

Frequency:	1.45 - 1.66 GHz
Gain:	11 dBiC Typ (1.45 GHz)
	13 dBiC Typ (1.525 - 1.6605 GHz)
Polarisation:	Dual, Right & Left Hand Circular
Beamwidth:	2 x 35° (Az) x 35° (El) Approx.
Axial Ratio:	2.8 dB Min (1.525 - 1.6605)
VSWR:	4.4:1 (1.45 GHz)
	2:1 Max. (1.525 - 1.6605 GHz)
Power Rating:	2 x 10 W
Front to Back:	25 dB Min.

MECHANICAL

Standard Finish:	White All Over
Mass:	900 g / 1.98 lbs
Temperature:	-20° to +50°C
Wind Loading:	14.6 Kg / 32.1 lbs @ 100 mph

MOUNTING OPTIONS

Kits Available:	N/A
See Separate Data Sheets	

DS: 1089-2 Issued: 301018
Dimensions: mm [inches] M

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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