

# FPA-4.0-18.0L/1757

## Directional Antenna



### Key Features

Designed for Electronic Warfare

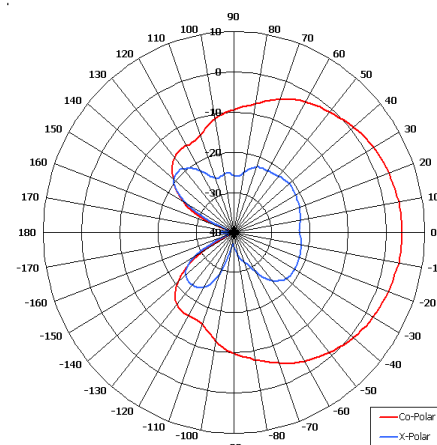
Applications Ultra Wideband

Designed for DF Arrays

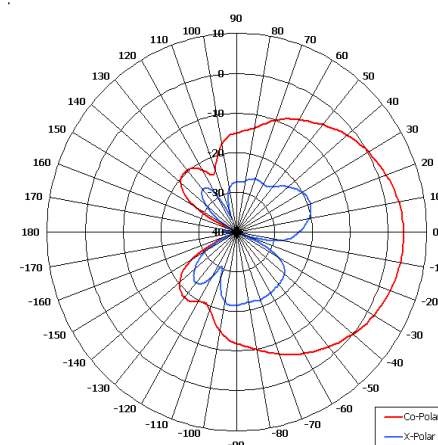
Phase Matching Available

Amplitude Matching Available

Lightweight

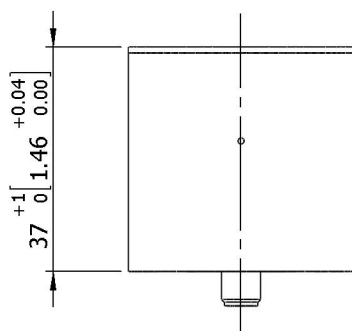


Azimuth Pattern



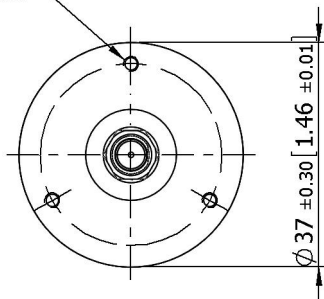
Elevation Pattern

### SIDE VIEW



MOUNTED VIA  
3 OFF M4  
TAPPED HOLES  
EQUI-SPACED  
ON 30 [1.18] PCD

### BASE VIEW



GA: 1757



SMA(F)  
CONNECTOR

### ELECTRICAL

Frequency	4.00 - 18.00 GHz
Gain	0.5 - 4.8 dBiC Nom
Polarisation	Left Hand Circular
Beamwidth	75° (Az) x 75° (El) Approx
Axial Ratio	1.5 dB Typ
VSWR	<2:1 Over 90% of Band 2.5:1 Max
Power Rating	2.5W Across Band
Front to Back	>15 dB

### MECHANICAL

Standard Finish	Matt Black
Mass	50 g
Temperature	-40° to +60°C
Wind Loading	N/A

### MOUNTING OPTIONS

Kits Available	N/A
See separate data sheets	

### ADDITIONAL NOTES

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For further information please contact:

Chelton Limited,  
Lambda House, Cheveley,  
Newmarket, Suffolk CB8 9RG, UK.  
T: +44 (0)1638 732 177  
E: [newmarket.sales@chelton.com](mailto:newmarket.sales@chelton.com)  
W: [www.chelton.com/microwave](http://www.chelton.com/microwave)