

Thuraya Satellite Antenna - High Elevation Coverage

The most important thing we build is trust

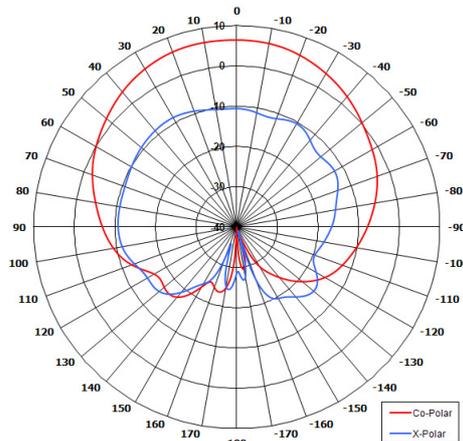
**Key Features:**

Designed for Thuraya Satellite Network

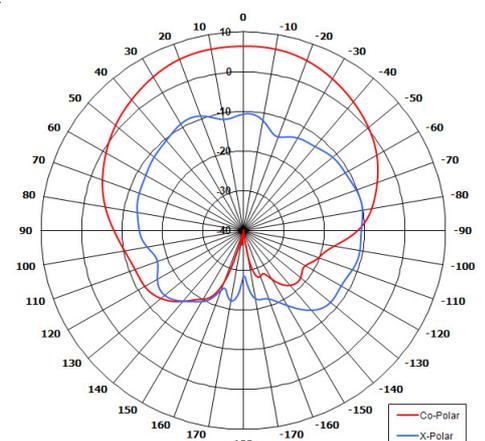
Integrated Passive GPS Antenna

Integrated Quad Band Omni Directional GSM Antenna

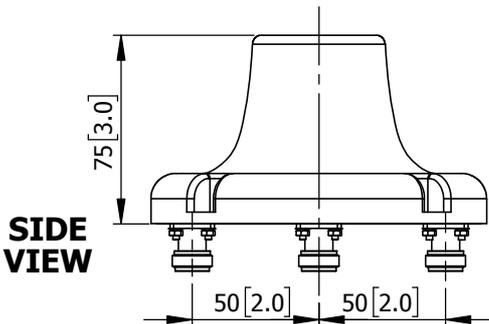
Lightweight



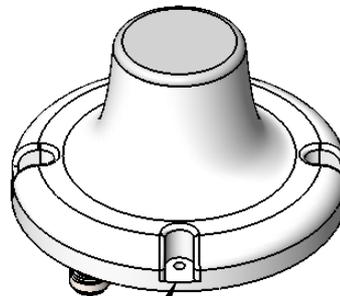
**Azimuth Polar Plot (Actual Patterns)**



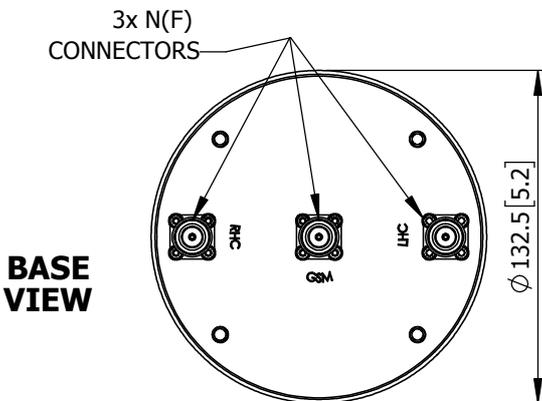
**Elevation Polar Plot (Actual Patterns)**



**SIDE VIEW**



MOUNTED VIA  
4 OFF  $\phi$ 4.5 HOLES  
EQUI-SPACED  
ON 110 [4.33] PCD



**BASE VIEW**

**ELECTRICAL**

<b>Frequency:</b>	SAT: 1.52 - 1.66 GHz GPS: 1.575GHz GSM: 0.86 - 2.175 GHz
<b>Gain:</b>	SAT & GPS: 7.0 dBiC Nom. GSM: 0dBi Nom.
<b>Polarisation:</b>	SAT: LHC GPS: RHC GSM: Linear
<b>Beamwidth:</b>	SAT & GPS: 70° x 70° Approx. Overhead GSM: 360° Azimuth Coverage
<b>VSWR:</b>	SAT & GPS: 1.5:1 Typ. GSM: 2.5:1 Typ.
<b>Power Rating:</b>	20 W
<b>Front to Back:</b>	25 dB Typ.

**MECHANICAL**

<b>Standard Finish:</b>	White
<b>Mass:</b>	275 g (9.71 oz)
<b>Temperature:</b>	-40° to +70°C
<b>Wind Loading:</b>	0.75 Kg (1.65 lbs) @ 100 mph

**MOUNTING OPTIONS**

<b>Kits Available:</b>	N/A
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GA: 2019-1 Issued: 281118  
Dimensions: mm [inches] M

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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