

# OA-1.4V-4.7V/2596

## Dual Band Omni Antenna

### Key Features:

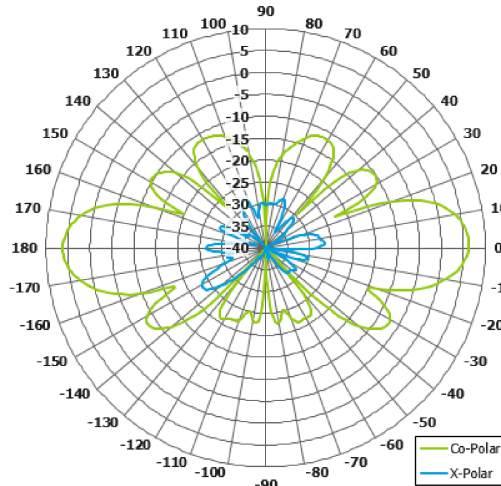
Designed for ground vehicle applications

Rugged design

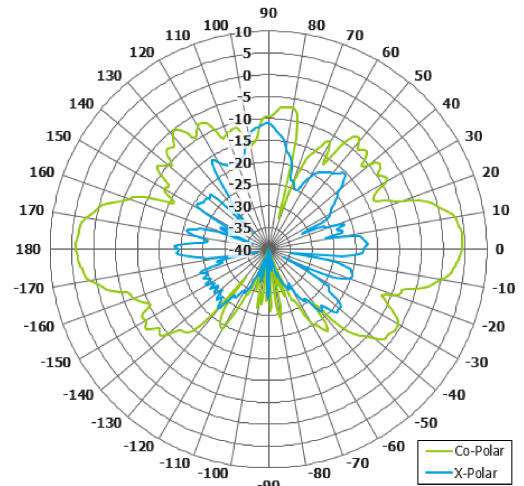
Integral spring

Standard US/NATO 4 & 6 hole pattern

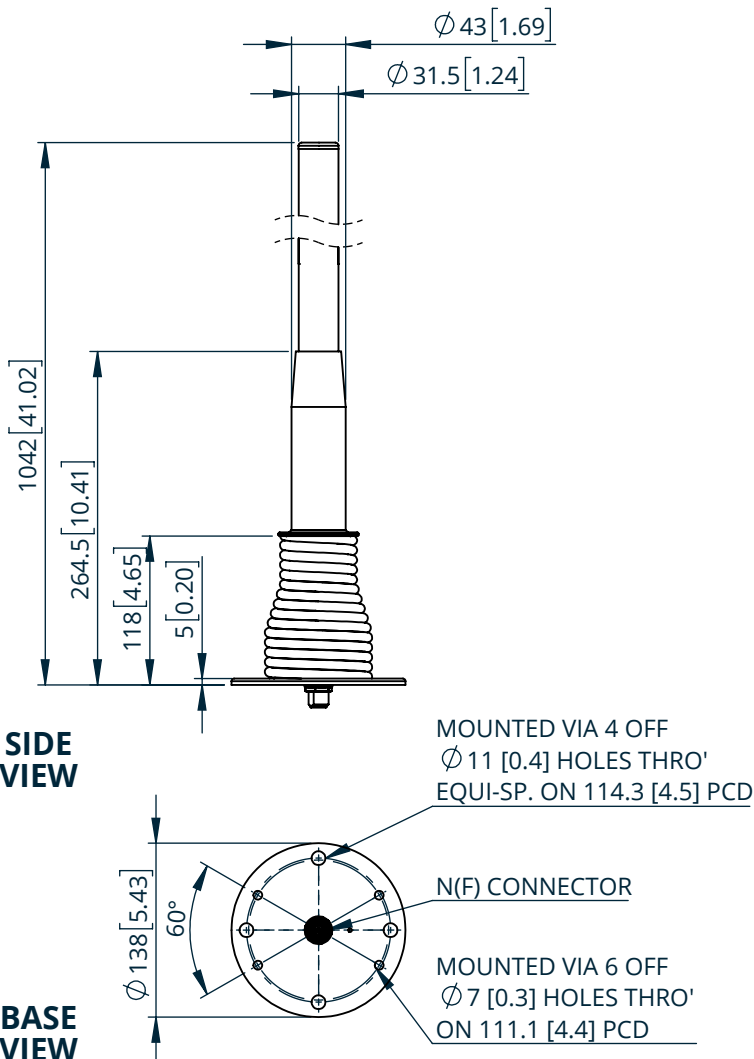
Single connector



Elevation Polar Plot  
(@ 1.37 GHz)



Elevation Polar Plot  
(@ 4.7 GHz)



### ELECTRICAL

<b>Frequency:</b>	1.35 to 1.39 GHz	4.40 to 5.00 GHz
<b>Gain (Peak):</b>	6.5 dBi Typ.	6 dBi Typ.
<b>Gain (Average):</b>	6 dBi Typ.	5 dBi Typ.
<b>Polarisation:</b>	Vertical	Vertical
<b>Beamwidth:</b>	360° x 19° Typ.	360° x 19° Typ.
<b>Azimuth Ripple:</b>	±0.3 dB Typ.	±0.8 dB Typ.
<b>Cross Polar:</b>	>25 dB Typ.	>20 dB Typ.
<b>VSWR:</b>	2:1 Max.	2:1 Max.
<b>Power Rating:</b>	10 W	10 W

### MECHANICAL

<b>Standard Finish:</b>	Black
<b>Mass:</b>	2.1 Kg / 4.63 lbs
<b>Temperature:</b>	-40 to +70°C

### MOUNTING OPTIONS

<b>Kits Available:</b>	Integrated
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Full radiation patterns and CAD available on request

DS: 2596-2

Issued: 050922

Dimensions: mm [inches]