

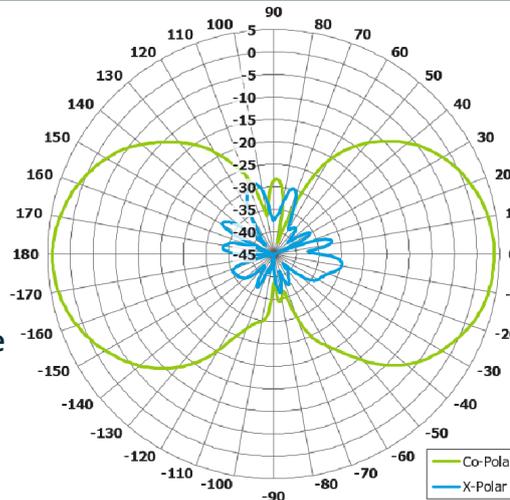
# OA-1.4H-2.3H/2568



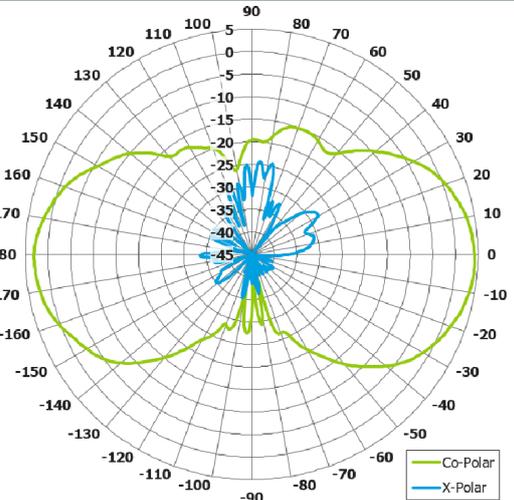
## Dual Band Omni Antenna

### Key Features:

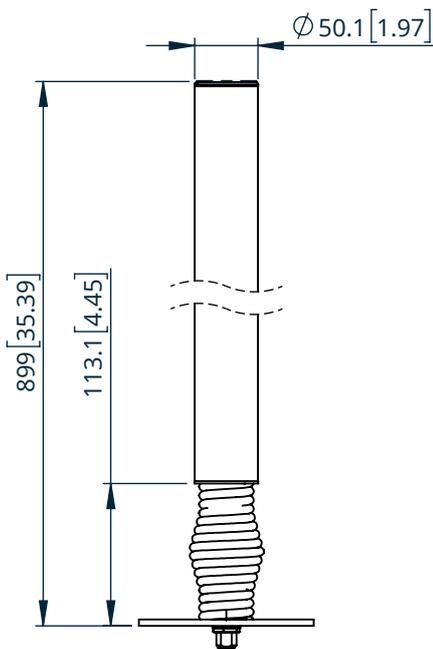
- Designed for ground vehicle applications
- Rugged design
- Integral spring mount
- Standard US/NATO 4 & 6 hole pattern
- Single connector



Elevation Polar Plot  
(@ 1.37 GHz)

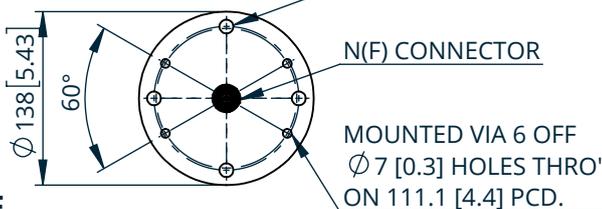


Elevation Polar Plot  
(@ 2.40 GHz)



SIDE VIEW

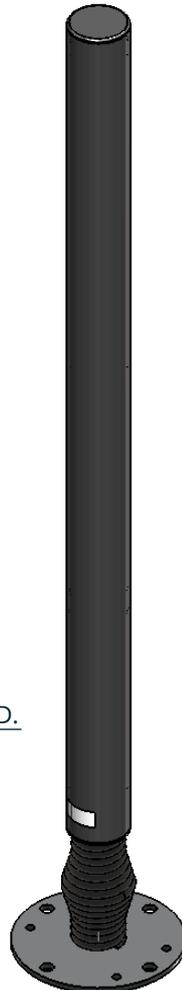
MOUNTED VIA 4 OFF  
 $\varnothing 11$  [0.4] HOLES THRO'  
EQUI-SP. ON 114.3 [4.5] PCD.



BASE VIEW

N(F) CONNECTOR

MOUNTED VIA 6 OFF  
 $\varnothing 7$  [0.3] HOLES THRO'  
ON 111.1 [4.4] PCD.



### ELECTRICAL

<b>Frequency:</b>	1.35 to 1.39 GHz	2.20 to 2.50 GHz
<b>Gain (Peak):</b>	3.7 dBi Typ.	3.8 dBi Typ.
<b>Gain (Average):</b>	2.6 dBi Typ.	2.7 dBi Typ.
<b>Polarisation:</b>	Horizontal	Horizontal
<b>Beamwidth:</b>	360° x 40° Typ.	360° x 40° Typ.
<b>Azimuth Ripple:</b>	±1.3 dB Typ.	±1.5 dB Typ.
<b>Cross Polar:</b>	>30 dB Typ.	>25 dB Typ.
<b>VSWR:</b>	2:1 Typ, 2.5:1 Max.	2:1 Typ, 2.5:1 Max.
<b>Power Rating:</b>	10 W	10 W

### MECHANICAL

<b>Standard Finish:</b>	Black
<b>Mass:</b>	1.4 Kg / 2.87 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: 2566-3

Issued: 300822

Dimensions: mm [inches]