

AMHP14-2150R/453

Shrouded Helix Antenna

Key Features:

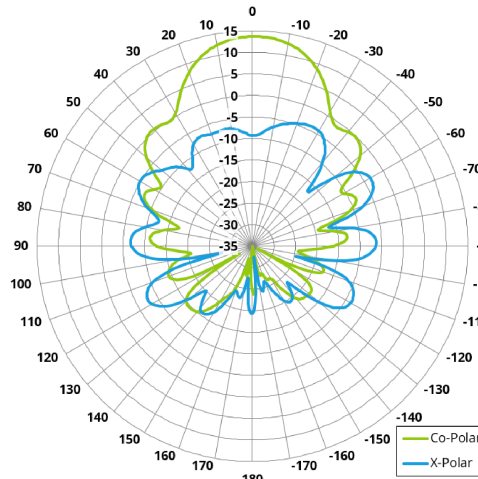
Designed for security applications

Suitable for multiple applications

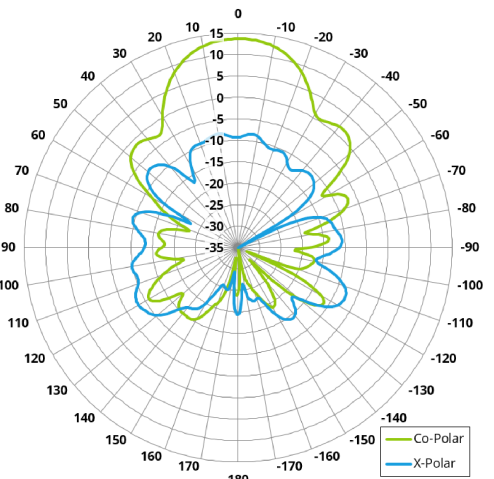
Directional pattern

Right hand circular polarised

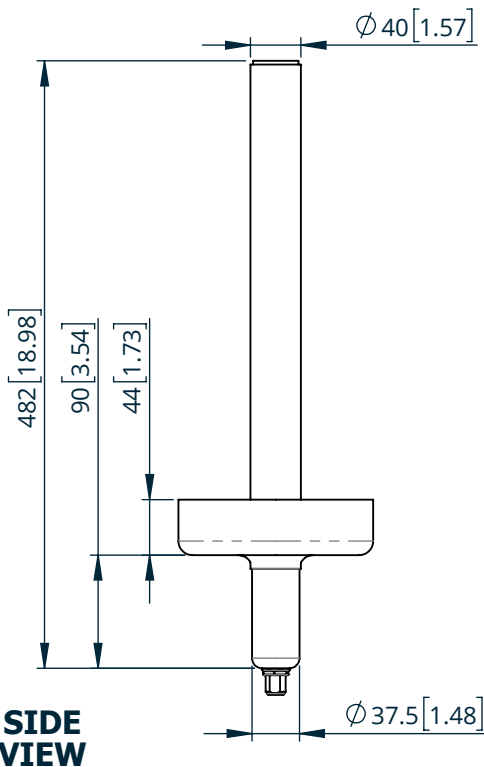
Rugged



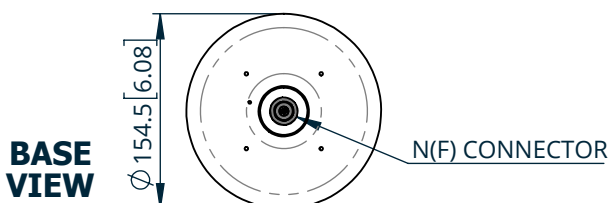
**Azimuth Polar Plot
(@ 2.2 GHz)**



**Elevation Polar Plot
(@ 2.2 GHz)**



SIDE VIEW



BASE VIEW



ELECTRICAL

Frequency:	2.0 to 2.3 GHz
Gain:	13.5 dBiC Typ.
Polarisation:	Right Hand Circular
Beamwidth:	35° x 35° Typ.
Axial Ratio:	1.5 dB Typ, 2 dB Max.
VSWR:	1.5:1 Max.
Power Rating:	20 W
Front to Back:	15 to 20 dB

MECHANICAL

Standard Finish:	Black
Mass:	1.0 Kg / 2.2 lbs
Temperature:	-20 to +50°C
Wind Loading:	38 N @ 100 mph

MOUNTING OPTIONS

Kits Available:	428A
------------------------	------

See separate datasheet

Full radiation patterns and CAD available on request

DS: 453-4 **Issued:** 110121
Dimensions: mm [inches]