



AN800WW# HELICAL ANTENNA

- Polycarbonate radome and sealing gasket ensure water and dust ingress protection.
- Less interference than with linear signal for cleaner line of sight.
- Greater data throughput and transmission distance.
- Circular polarization ideally suited to harsh environments.

FEATURES

Becker Mining Systems AN800WW# gives a clean signal and a low VSWR across its entire 690 MHz to 1.0 GHz band makes the H-900-12-NF helical antenna suitable for almost any application, including drone jamming, public safety, mining, video surveillance, warehousing, and more.

Its high quality internal components protected by an all-weather, impact resistant polycarbonate radome allow it to withstand almost any environment.

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Frequency Range MHz	690-1000
Impedance	50 Ω
Gain - dBic	12
F/B RATIO - dB	>20
VSWR (max)	2:1
Connector Type	N-Female
Number of Outputs	1
Polarization	RHCP
Half Power Beamwidth @ 900 MHz - °	44
Power Rating - W	100

MECHANICAL SPECIFICATIONS	
Length from Bottom of Ground Plane - in (cm)	18.5 (47.0)
Ground Plane Diameter - in (cm)	12.0 (30.5)
Radome Diameter - in (cm)	5.0 (12.7)
Bulkhead Base Diameter - in (cm)	6.0 (15.2)
Cap Diameter - in (cm)	5.1 (13.0)
Antenna Weight - lbs (kg)	4.3 (2.0)

ENVIRONMENTAL DATA	
Operational Temperature	-40 °C to +75 °C (-40 F to +167)

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

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