

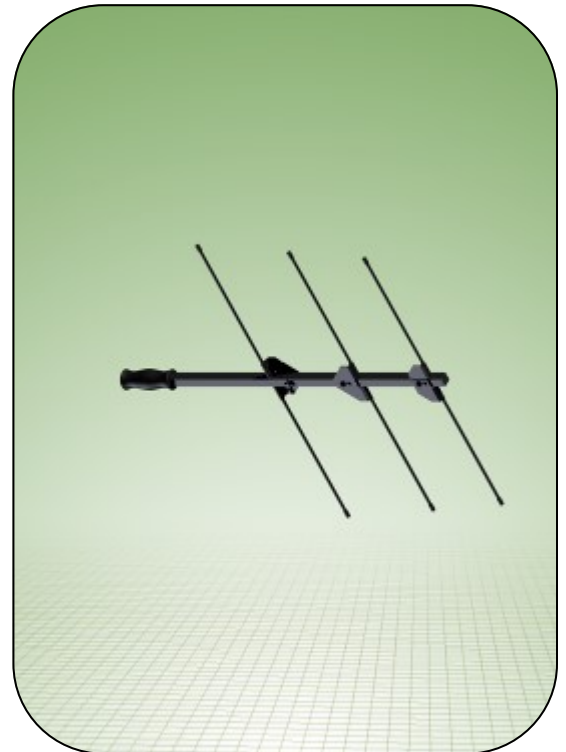
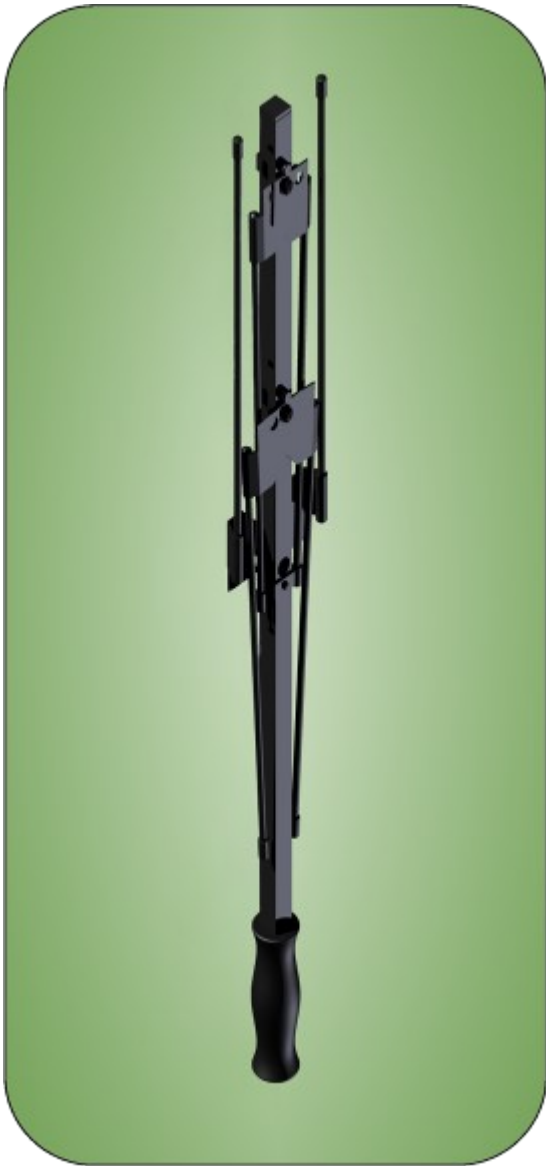
Special Applications



HD
HASCALL-DENKE

Broadband Directional Antenna

The TDYA216 is a foldable Yagi antenna with high gain and used for tracking and direction finding applications.



Broadband Directional Antenna

Specifications

ELECTRICAL:

Frequency Range:	Customer Specified
Gain:	Customer Specified
VSWR:	Customer Specified
Input Impedance:	Customer Specified
Power:	Customer Specified
Polarization:	Horizontal or Vertical
Radiation Pattern:	Customer Specified
Input Connector:	Type N Female

MECHANICAL:

Overall Height:	30 in. (0.76 m)
Element Span:	28.5 in. (0.72 m)
Number of Elements:	6 Elements
Net Weight:	1 lb. (0.45 kg)
Color:	Black/Green/Tan/Grey
Mounting:	Handheld

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



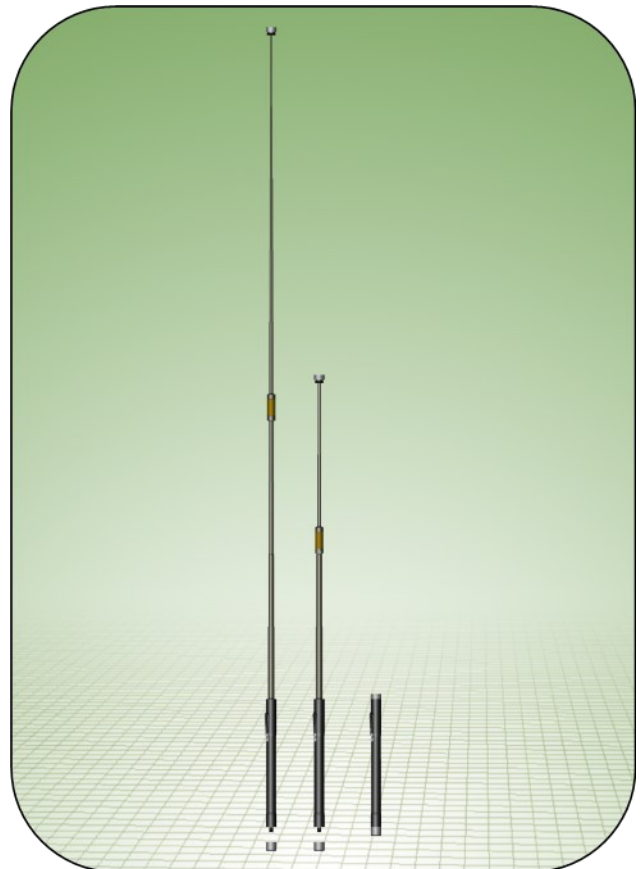
Made in the USA
ISO 9001:2015 Certified
(1Y02475)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Telescoping Antenna



The TDMP001 antenna is a single frequency telescoping tactical antenna that is designed to meet submersible depth requirements of 65 ft. (20 m). The antenna is a center loaded, telescoping, stainless steel radiator encased in a rugged black polycarbonate tubular case. By unscrewing the captivated end caps the antenna can be fully extended to a length of 56.5 in. (1.44 m) and mounted to an electronics device with a matching connector. The stowed dimensions are 9 in. (229 mm) at a net weight of 0.5 lb. (0.23 kg)



Made in the USA
ISO 9001:2015 Certified
(1Y02950)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Telescoping Antenna

Specifications

ELECTRICAL:

Frequency Range: Customer Specified

Gain: Customer Specified

VSWR: Customer Specified

Input Impedance: 50 Ω Nominal

Power: 25 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 90°

Input Connector: 1/4-28UNF Thread

MECHANICAL:

Overall Height: 56.5 in. (1.44 m)

Stowed Height: 9 in. (229 mm)

Net Weight: 0.5 lb. (0.23 kg)

Color: Black/Green/Tan/Grey

Mounting: 1/4-28UNF Thread

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**

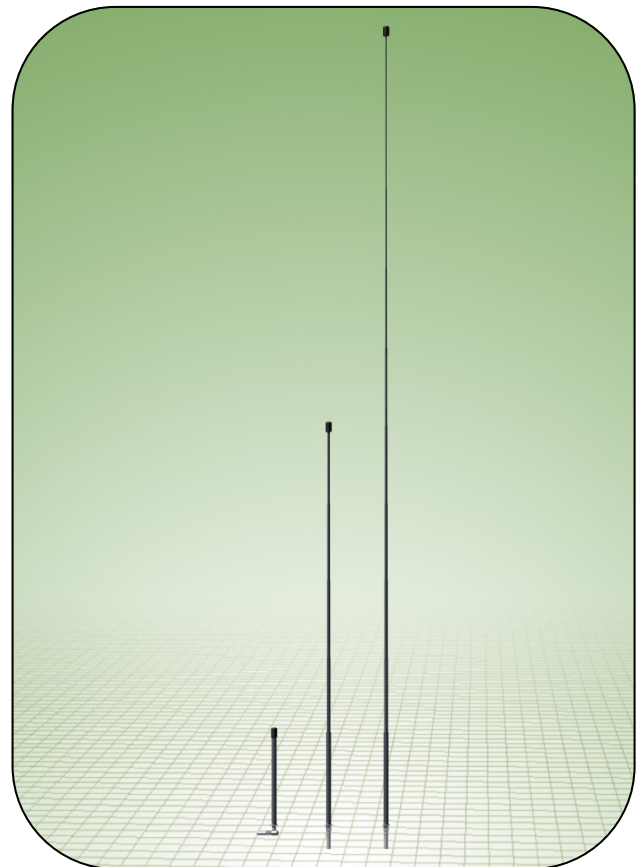
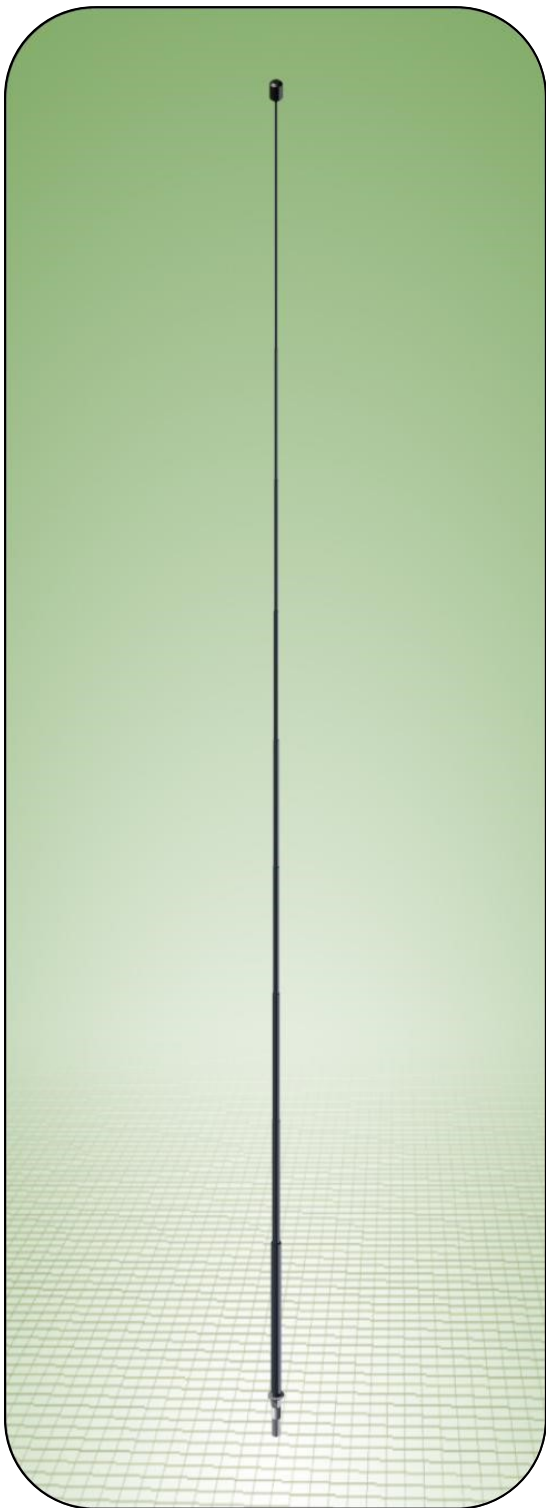


Made in the USA
ISO 9001:2015 Certified
(1Y02950)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Telescoping Antenna

The TDMP002 antenna is a single frequency telescoping tactical antenna that is designed to meet submersible depth requirements of 65 ft. (20 m). The telescoping antenna extends from a stowed height of 11.5 in. (0.29 m) to a length of 84 in. (2.13 m) and has a net weight of 0.5 lb. (0.23 kg).



Made in the USA
ISO 9001:2015 Certified
(1Y03025)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Telescoping Antenna

Specifications

ELECTRICAL:

Frequency Range: Customer Specified

Gain: Customer Specified

VSWR: Customer Specified

Input Impedance: 50 Ω Nominal

Power: 50 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 90°

Input Connector: Customer Specified

MECHANICAL:

Overall Height: 84 in. (2.13 m)

Stowed Height: 11.5 in. (0.29 mm)

Net Weight: 0.5 lb. (0.23 kg)

Color: Black/Green/Tan/Grey

Mounting: Customer Specified

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y03025)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

ELT Rescue Antenna



The ELT Rescue Antenna is used to aid in detection and location of people in emergency situations where reliability is needed most.

When attached to the transmitting radio, the system provides an interface with worldwide offered service of Cospas-Sarsat, the international satellite system for search and rescue (SAR).



ELT Rescue Antenna

Specifications

ELECTRICAL:

Frequency Range: 121.5, 225-300 & 406 MHz
VSWR: 2.0:1 (max) @ 121.5 MHz
 2.0:1 (max) @ 225-300 MHz
 1.5:1 (max) @ 406.025 MHz

Input Impedance: 50 Ω Nominal

Power: 10 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
 Elevation: (See Below)
 121.5 MHz 5° ~ 20°, -7 dBi (min)
 243 MHz 5° ~ 20°, -2.5 dBi (min)
 406 MHz 10° ~ 50°, -3 ~ 4 dBi (min)

Input Connector: RA-SMB

MECHANICAL:

Overall Height: 12 in. (0.31 m)

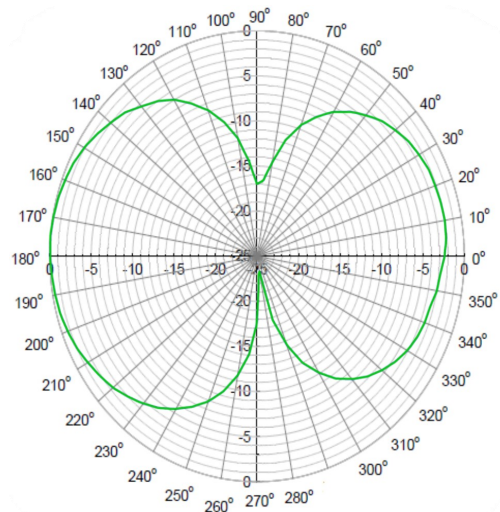
Net Weight: 0.5 lb. (0.23 kg) Approx.

Operational Temps: -40° to +185°F
 (-40° to +85°C)

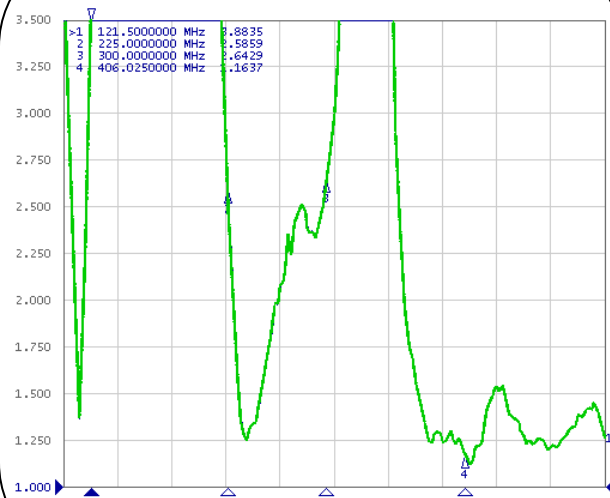
Color: Antenna: Black
 Sleeve: Orange

Mounting: Threaded antenna base interface to sleeve.
 46 in. (1.17 m) pigtail terminated with RA-SMB.

**TYPICAL ELEVATION PATTERN
NORMALIZED TO 0 dBi FOR VIEWING**



VSWR CHART REFERENCE



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
 ISO 9001:2015 Certified
 (1Y18300)

P.O. Box 909, Palmetto, Florida 34220-0909
 Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

EPLB Antenna with Floating Device



The EPLB Antenna is used to aid in detection and location of people in emergency situations where reliability is needed most.

When attached to the transmitting radio, the system provides an interface with worldwide offered service of Cospas-Sarsat, the international satellite system for search and rescue (SAR).



EPLB Antenna with Floating Device

Specifications

ELECTRICAL:

Frequency Range: 121.5, 225-300 & 406 MHz
VSWR: 2.0:1 (max) @ 121.5 MHz
 2.0:1 (max) @ 225-300 MHz
 1.5:1 (max) @ 406.025 MHz

Input Impedance: 50 Ω Nominal

Power: 10 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
 Elevation: (See Below)
 121.5 MHz 5° ~ 20°, -7 dBi (min)
 243 MHz 5° ~ 20°, -2.5 dBi (min)
 406 MHz 10° ~ 50°, -3 ~ 4 dBi (min)

Input Connector: RA-SMB

MECHANICAL:

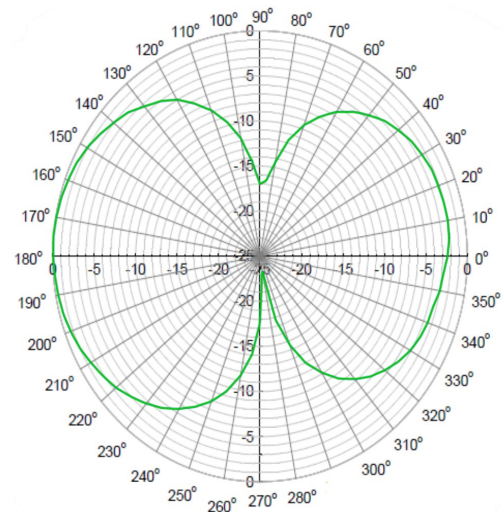
Overall Height: 12 in. (0.31 m)

Net Weight: 0.25 lb. (0.12 kg) Approx.

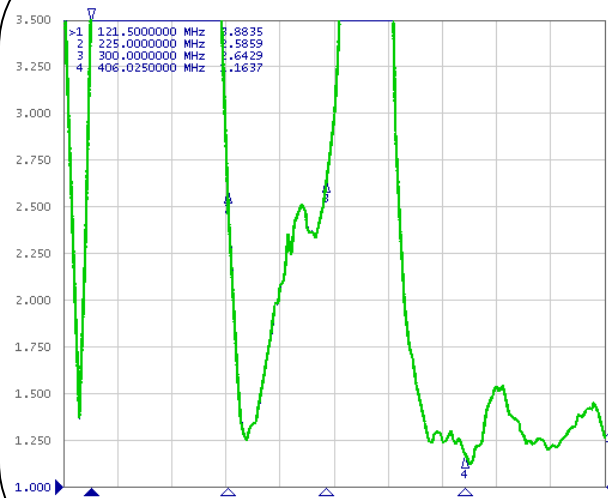
Operational Temps: -40° to +185°F
 (-40° to +85°C)

Color: Antenna: Black

TYPICAL ELEVATION PATTERN
NORMALIZED TO 0 dBi FOR VIEWING



VSWR CHART REFERENCE



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



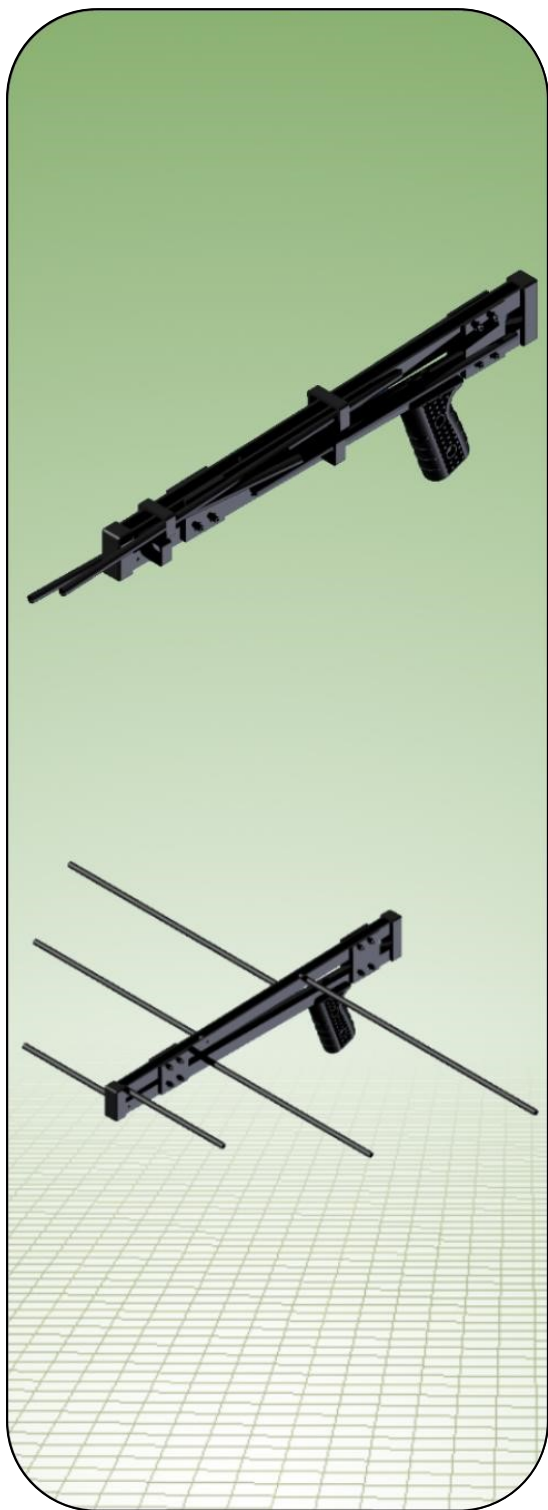
Made in the USA
 ISO 9001:2015 Certified
 (1Y30550)

P.O. Box 909, Palmetto, Florida 34220-0909
 Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Handheld Directional Antenna

The TDLP136-174 is a handheld tracking antenna designed for specific frequency bands.

This antenna has folding elements that are secured with a strap when not in use. The antenna can be stowed in a heavy duty canvas holster (sold separately) that attaches to the user's belt or web gear.



Made in the USA
ISO 9001:2015 Certified
(1Y04400)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Handheld Directional Antenna

Specifications

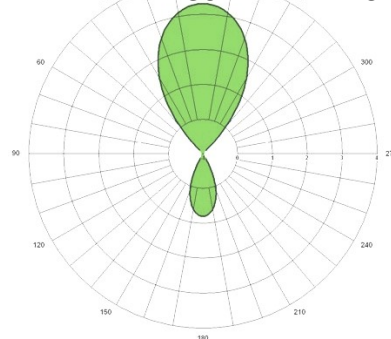
ELECTRICAL:

Frequency Range:	136-174 MHz
Gain:	6.0 dBi Nominal
VSWR:	< 2.25:1
Input Impedance:	50 Ω Nominal
Power:	100 Watts
Polarization:	Directional
Beam Width:	Azimuth: 74°
Input Connector:	TNC Female

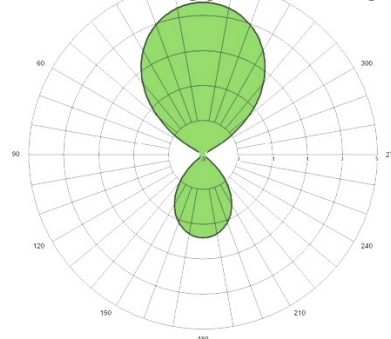
MECHANICAL:

Boom Length:	22.36 in. (0.56 m)
Element Span:	37.38 in. (0.95 m)
Number Of Elements:	3 Elements
Net Weight:	2 lb. (0.91 kg)
Color:	Black/Green/Tan/Grey

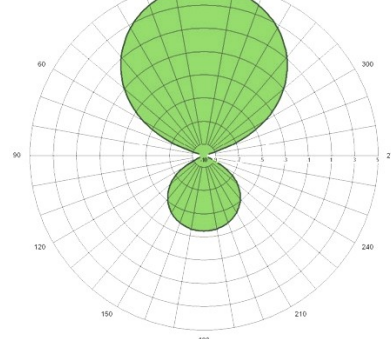
GAIN PATTERN 136 MHz FREE SPACE



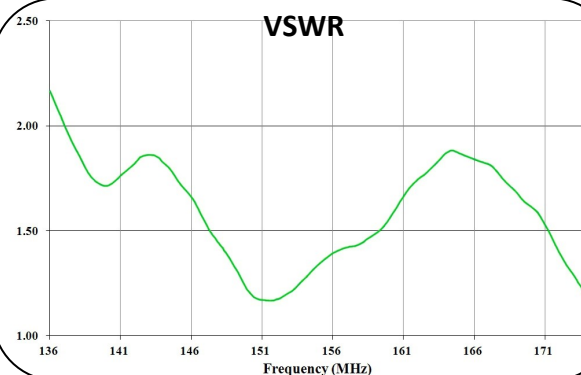
GAIN PATTERN 150 MHz FREE SPACE



GAIN PATTERN 174 MHz FREE SPACE



VSWR



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y04400)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Dual Band Specific Purpose Antenna

The SAMP146-313 antenna is designed for repeater operations in remote telemetry applications.

This antenna can operate in environments from Arctic to Tropical and everything in between.



Made in the USA
ISO 9001:2015 Certified
(1Y01725)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

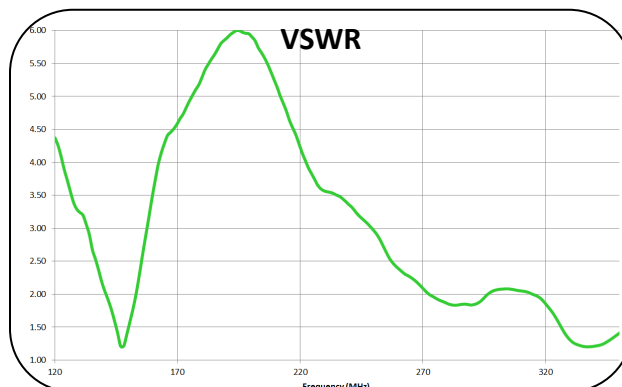
Dual Band Specific Purpose Antenna Specifications

ELECTRICAL:

Frequency Range:	138-153 MHz 310-315 MHz
Gain:	> -2.5 dBi
VSWR:	< 2.0:1 Typical 2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	10 Watts Maximum
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	TNC Male

MECHANICAL:

Overall Height:	12 in. (0.30 m)
Net Weight:	.22 lb. (0.10 kg)
Color:	Black/Green/Tan/Grey
Mounting:	TNC Male Connector



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



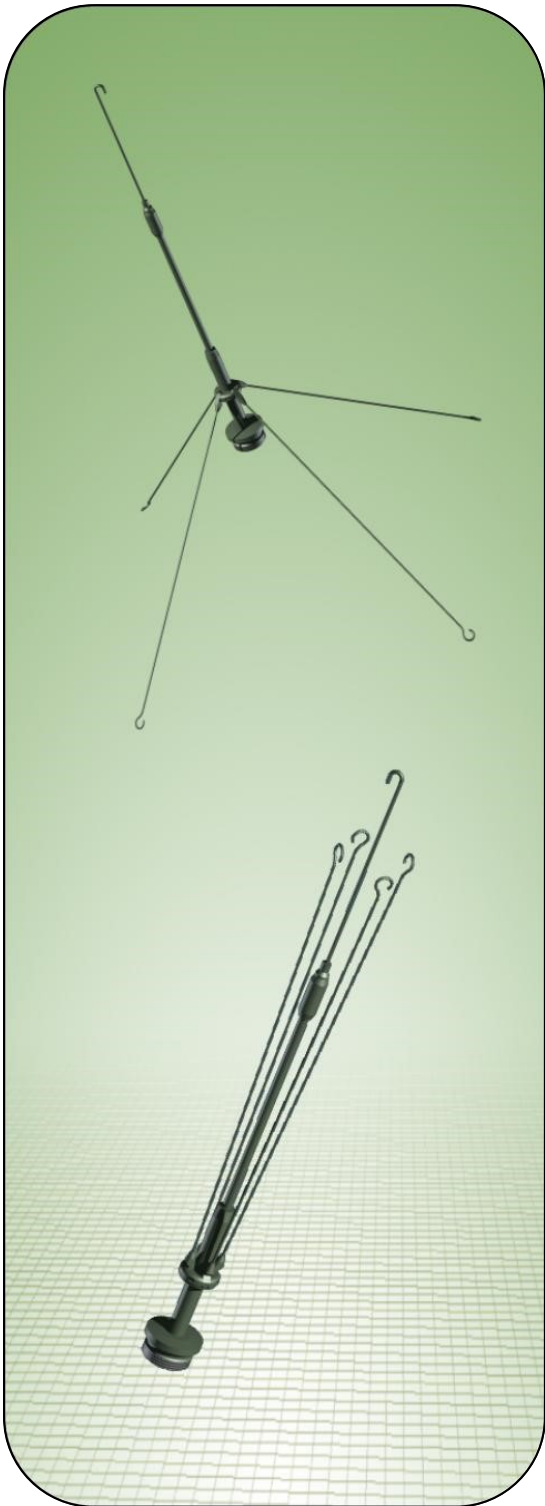
Made in the USA
ISO 9001:2015 Certified
(1Y01725)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

The TDGP146-313 tactical ground plane antenna is used for repeating operations in the designated frequencies.

This antenna is constructed of stainless steel radiators and ground plane elements, as well as other non-corrosive materials.



Made in the USA
ISO 9001:2015 Certified
(1Y02000)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

Specifications

ELECTRICAL:

Frequency Range: 138-153 MHz
310-315 MHz

Gain: 1.0 dBi Nominal

VSWR: 1.75 Nominal
2.5:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 50 Watts

Polarization: Omnidirectional

Radiation Pattern: Azimuth: 360°
Elevation: 90°

Input Connector: TNC Male

MECHANICAL:

Overall Height: 21 in. (0.53 m) Closed
28 in. (0.71 m) Open

Ground Plane Diameter: 22 in. (0.59 m)

Number Of Elements: 4 Ground Radials and 1 Middle

Net Weight: .5 lb. (0.23 kg)

Color: Black/Green/Tan/Grey

Mounting: TNC Male Connector or Optional
1 1/2-12UNF-2A Threaded Base

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



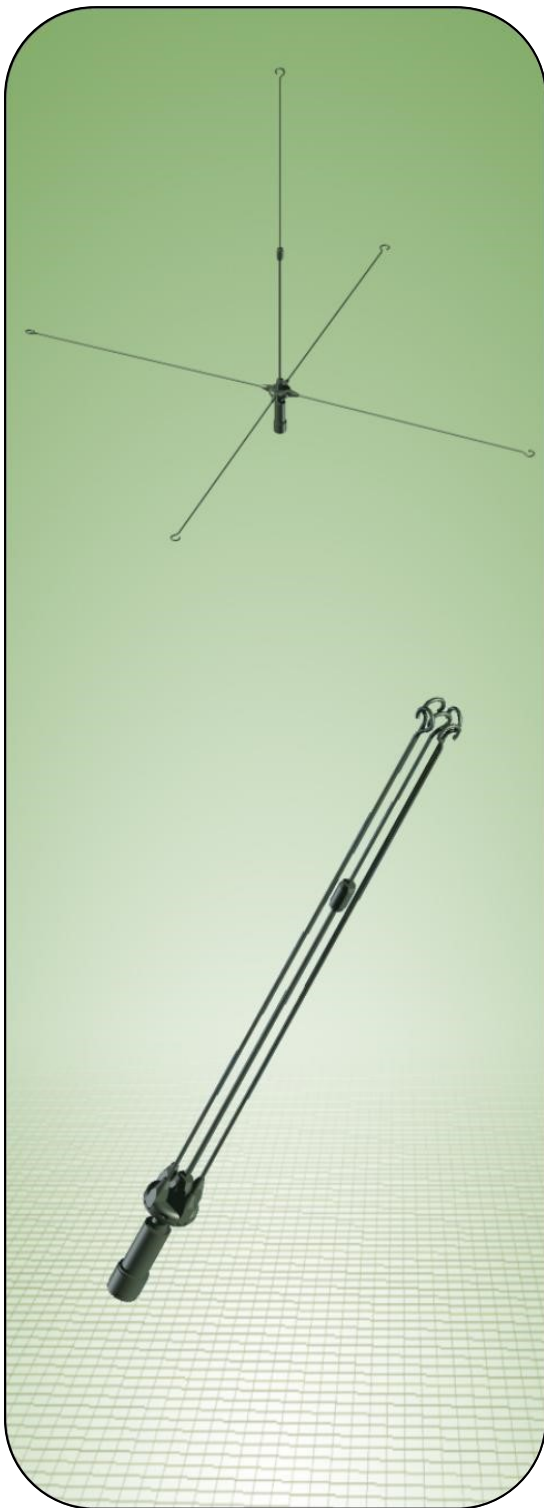
Made in the USA
ISO 9001:2015 Certified
(1Y02000)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

The TDGP146-313 tactical ground plane antenna is used to operate as a 1/4 wave ground plane and to be quickly erected in tactical operations.

This antenna is constructed of stainless steel radiators and ground plane elements, as well as other non-corrosive materials.



Made in the USA
ISO 9001:2015 Certified
(1Y00365)

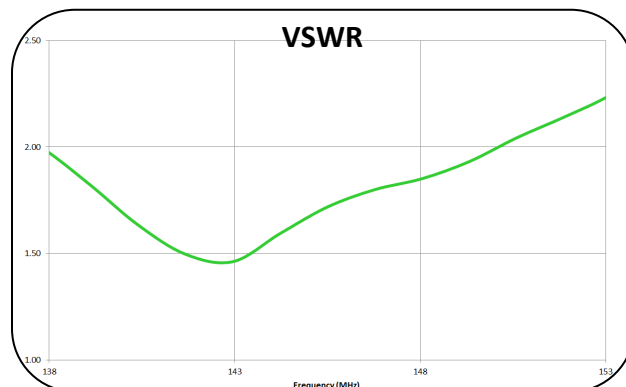
P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

Specifications

ELECTRICAL:

Frequency Range:	138-153 MHz
Gain:	2.5 dBi Nominal
VSWR:	< 2.0:1 Typical 2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	20 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	TNC Male



MECHANICAL:

Overall Height:	25 in. (0.64 m)
Ground Plane Diameter:	31 in. (0.79 m)
Number Of Elements:	4 Ground Radials and 1 Middle
Net Weight:	.5 lb. (0.23 kg)
Color:	Black/Green/Tan/Grey
Mounting:	TNC Male Connector

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



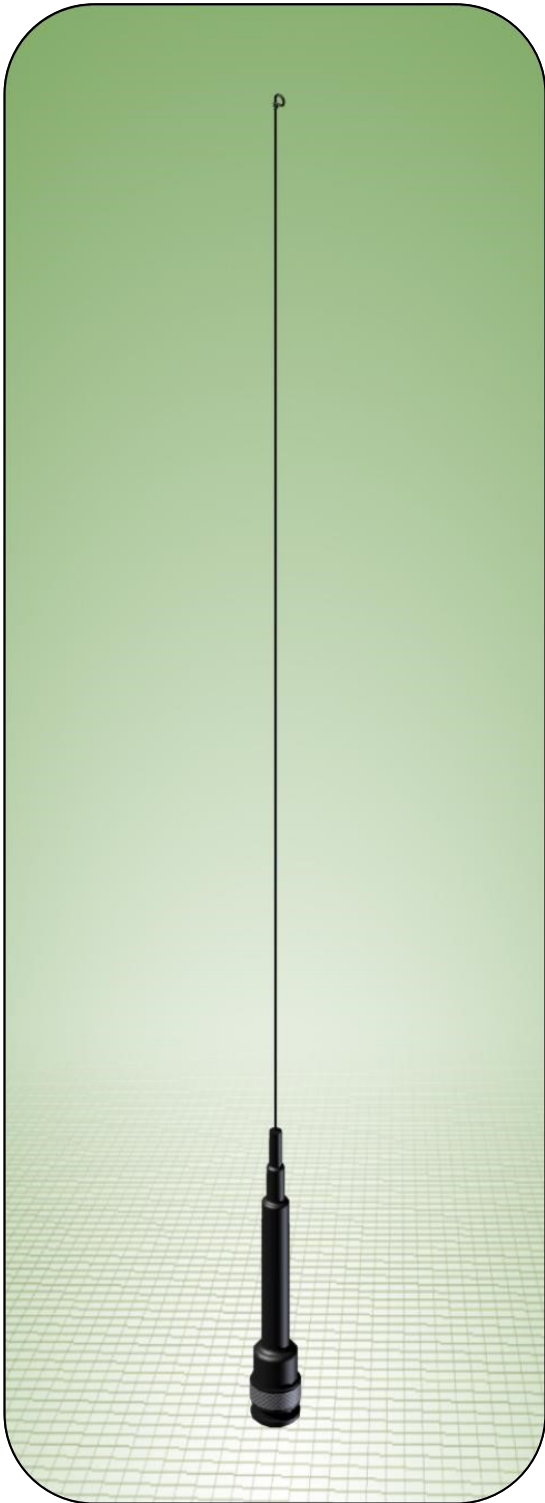
Made in the USA
ISO 9001:2015 Certified
(1Y00365)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Special Application Antenna

The SAMP138-153 antenna has an ultra thin blackened stainless steel radiator and a robust base with connector.

This antenna is tested to meet water submersible specifications.



Made in the USA
ISO 9001:2015 Certified
(1Y01375)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Special Application Antenna

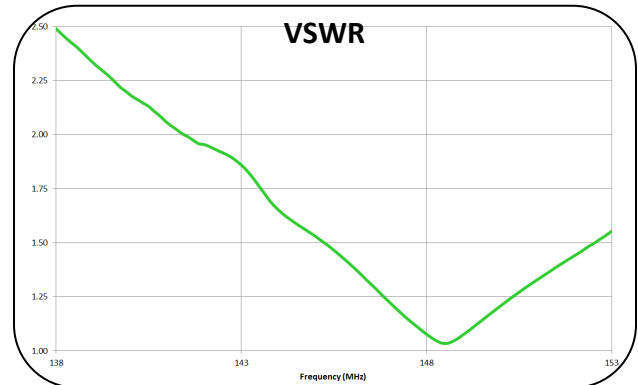
Specifications

ELECTRICAL:

Frequency Range:	138-153 MHz
Gain:	-2.0 dBi Nominal
VSWR:	2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	10 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	TNC Male

MECHANICAL:

Overall Height:	20.25 in. (0.51 m)
Net Weight:	.08 lb. (0.04 kg)
Color:	Black/Green/Tan/Grey
Mounting:	TNC Male Connector



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

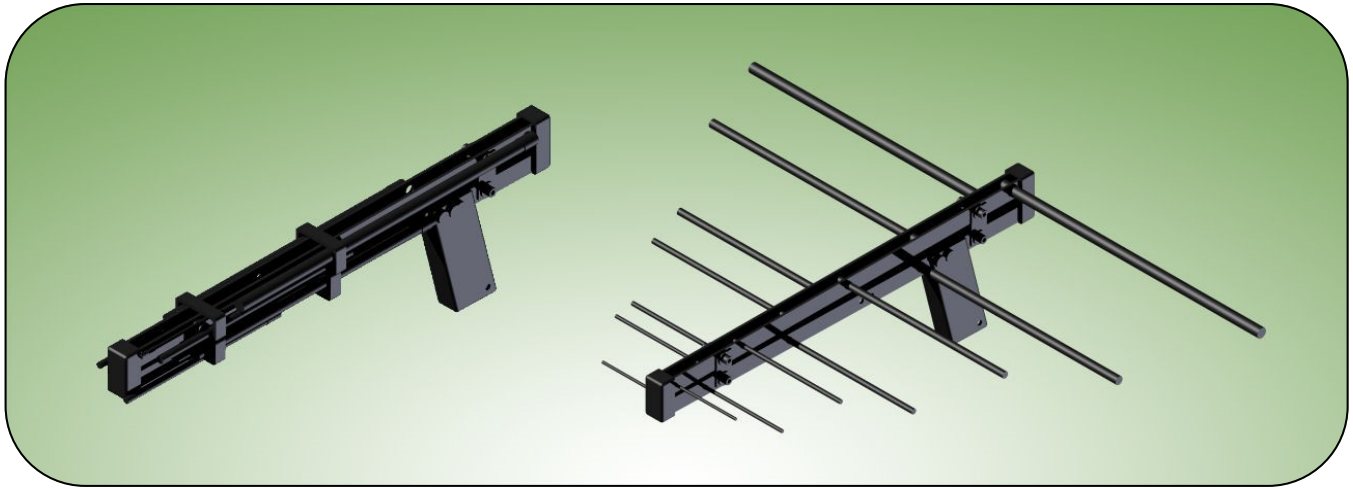
****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y01375)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Broadband Directional Antenna



The FXLP25X4 is a broadband log periodic tracking antenna that covers the entire band of 200-600 MHz. This antenna folds and is stowed in a heavy duty canvas holster that attaches to the user's belt or web gear.



Made in the USA
ISO 9001:2015 Certified
(1Y03800)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Broadband Directional Antenna

Specifications

ELECTRICAL:

Frequency Range:	200-600 MHz
Gain:	6.25 dBi Nominal
VSWR:	3.0:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	20 Watts
Polarization:	Horizontal or Vertical
Front-to-Back Ratio:	12 dB
Radiation Pattern:	60° Half Power Point
Input Connector:	TNC Female

MECHANICAL:

Boom Length:	21 in. (0.53 m)
Element Span:	28.38 in. (0.72 m)
Number Of Elements:	7 Elements
Net Weight:	2 lb. (0.91 kg)
Color:	Black/Green/Tan/Grey

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y03800)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Covert UHF SATCOM Antenna

The MVST240-320AB is a lightweight, low profile, UHF SATCOM antenna system.

The antenna is Right Hand Circular Polarized (RHCP) and is intended for satellite communication.



Covert UHF SATCOM Antenna

Specifications

ELECTRICAL:

Frequency Range: 240-320 MHz

Instantaneous Band Width: 80 MHz

Peak Gain: +3.0 dBic Average

Rx Peak Gain: +4.5 dBic Average

Tx Peak Gain: +2.0 dBic Average

VSWR: 3:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 100 Watts CW

Polarization: Right Hand Circular Polarized (RHCP)

Azimuth Coverage: Omnidirectional

Input Connector: TNC Female

MECHANICAL:

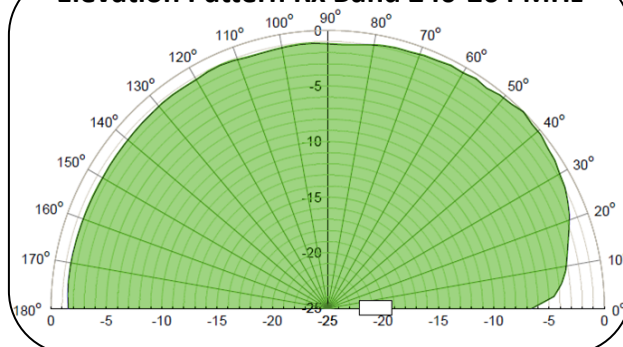
Overall Size: 20 in. (0.51 m) Long
15 in. (0.38 m) Wide
4.5 in. (0.11 m) Tall

Net Weight: 13 lb. (5.9 kg)

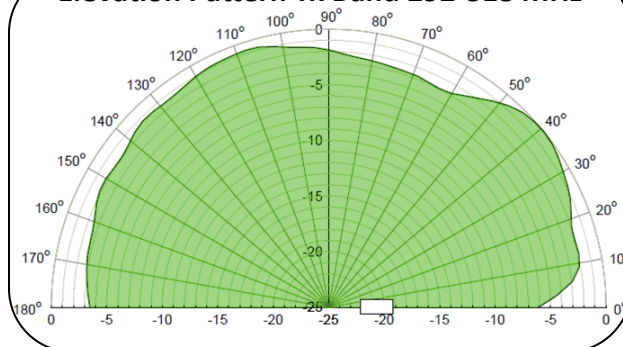
Operational Temps: -40° to +185°F
(-40° to +85°C)

Color: Black

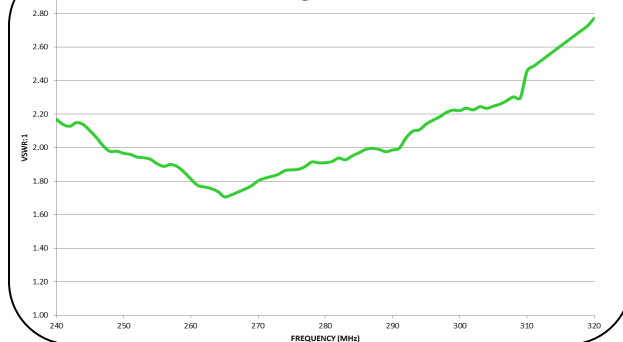
Elevation Pattern Rx Band 240-264 MHz



Elevation Pattern Tx Band 292-318 MHz



VSWR



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**

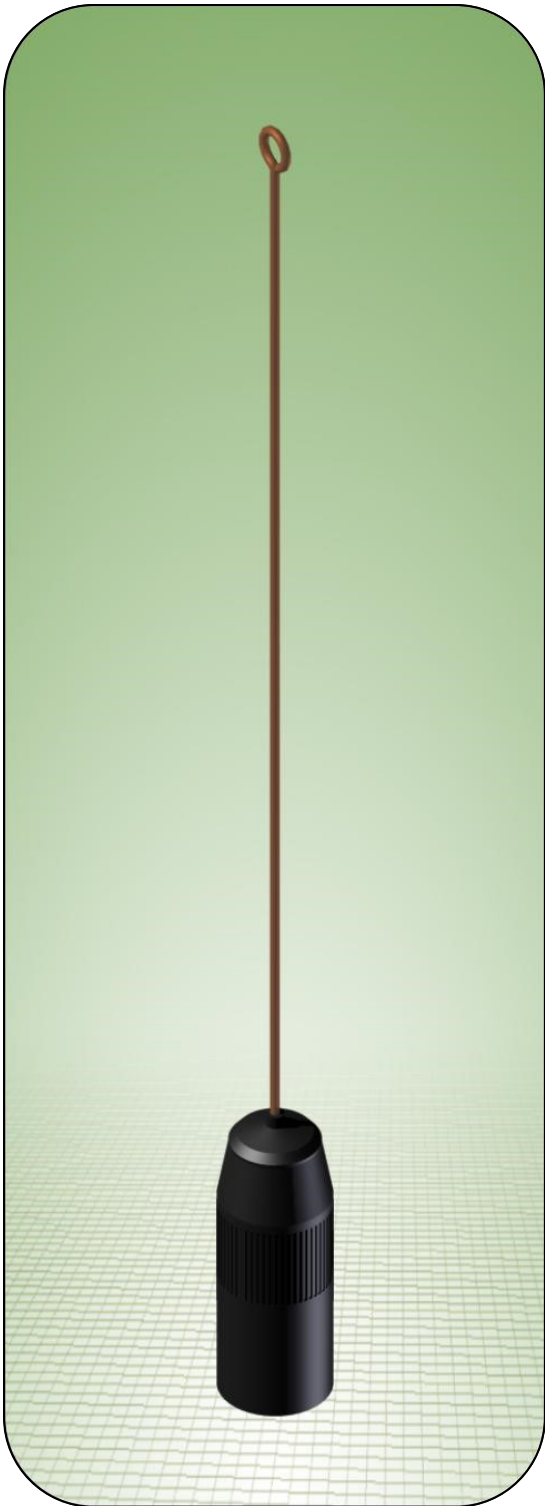


Made in the USA
ISO 9001:2015 Certified
(1Y14200)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Special Application Antenna

The SAMP250-325 antenna is designed for ground sensor applications with a weatherproof base that allows for quick push-pull “pop-on” installation.



Made in the USA
ISO 9001:2015 Certified
(1Y00600)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Special Application Antenna

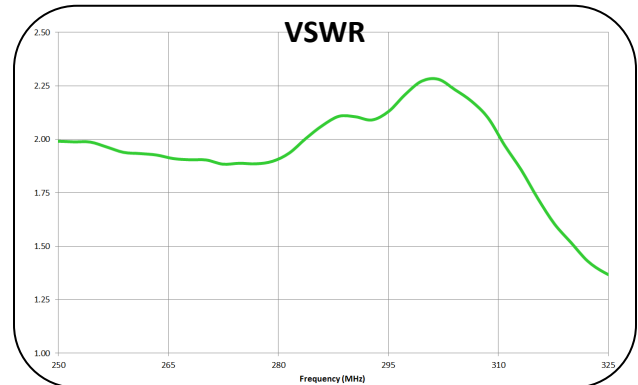
Specifications

ELECTRICAL:

Frequency Range:	250-325 MHz
Gain:	-11 dBi Nominal
VSWR:	2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	2 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	TNC Male

MECHANICAL:

Overall Height:	11 in. (0.28 m)
Net Weight:	0.35 lb. (0.15 kg)
Color:	Black/Green/Tan/Grey
Mounting:	TNC Male Connector



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y00600)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

The TDGP250-325 antenna is designed for field expedient installations.

The radiator and ground radials are constructed of stainless steel spring materials then urethane coated black, green, tan or grey.

On this antenna there is a base matching unit provided for broadband operation as specified.



Made in the USA
ISO 9001:2015 Certified
(1Y00625)

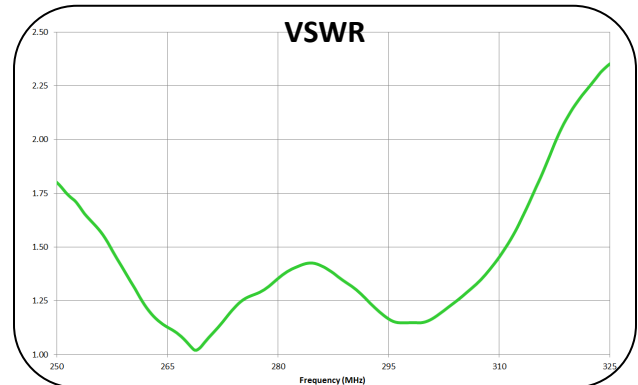
P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Tactical Ground Plane Antenna

Specifications

ELECTRICAL:

Frequency Range:	250-325 MHz
Gain:	0 dBi Nominal
VSWR:	< 2.0:1 Typical 2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	2 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 0 ~ 10°
Input Connector:	TNC Male



MECHANICAL:

Overall Height:	14 in. (0.36 m)
Ground Plane Diameter:	17 in. (0.43 m)
Number Of Elements:	4 Ground Radials and 1 Middle
Net Weight:	0.5 lb. (0.23 kg)
Color:	Black/Green/Tan/Grey
Mounting:	TNC Male Connector

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y00625)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

High Temperature Antenna



The MADP900-930 antenna is designed to be used in high temperature applications exceeding 260°F (127°C) where reliability is needed most. This antenna works with all radios within the 900-930 MHz band.

The antenna is designed to provide maximum Data, Video & Voice performance in a wide range of applications.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

Robust and tough, this antenna is housed in a heavy duty temperature handling radome and is constructed from corrosion resistant materials for reliability in the harshest environments.

- **High Temperature Handling**
- **Low VSWR**
- **Rugged and Compact Design**
- **Simple Installation.**



High Temperature Antenna

Specifications

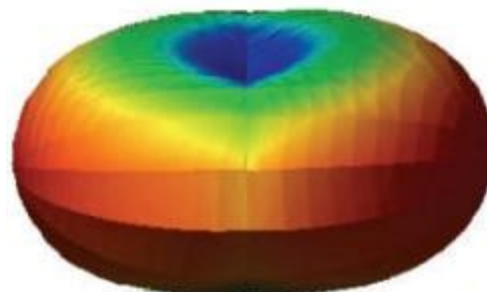
ELECTRICAL:

Frequency Range:	900-930 MHz
Gain:	3.0 dBi +/- .5
VSWR:	1.5:1 Typical 2.0:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	25 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 57°
Input Connector:	Type RPSMA Male (Other connectors available.)

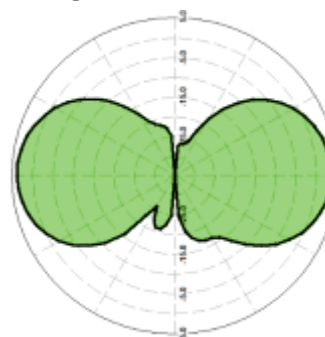
MECHANICAL:

Overall Height:	4 in. (101 mm)
Net Weight:	7 lb. (3.18 kg)
Maximum Wind Load:	125 mph (241 km/h)
Operational Temps:	-40° to +260°F (-40° to +126°C)
Color:	Black/Green/Tan/Grey/White
Mounting:	Plated Brass Base with Split Nut

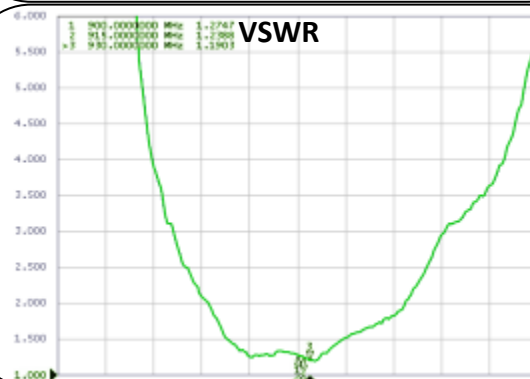
3D REFERENCE



ELEVATION PATTERN REFERENCE



VSWR



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**

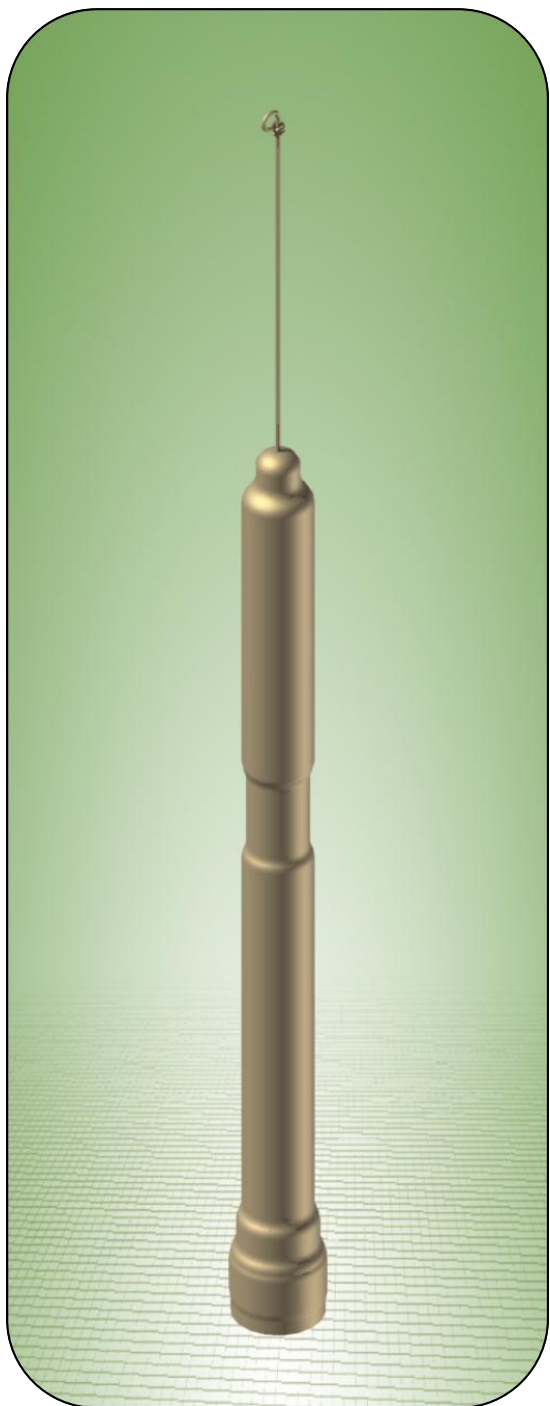


Made in the USA
ISO 9001:2015 Certified
(1Y13200)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Remote Sensor Antenna

The SADP902-928 is a remote sensor antenna and is designed to meet specific customer requirements for minimum detection ability.



Made in the USA
ISO 9001:2015 Certified
(1Y01450)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

Remote Sensor Antenna

Specifications

ELECTRICAL:

Frequency Range: 902-928 MHz

Gain: 1 dBi

VSWR: < 2.5:1 Typical

Input Impedance: 50 Ω Nominal

Power: 5 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 90°

Input Connector: TNC

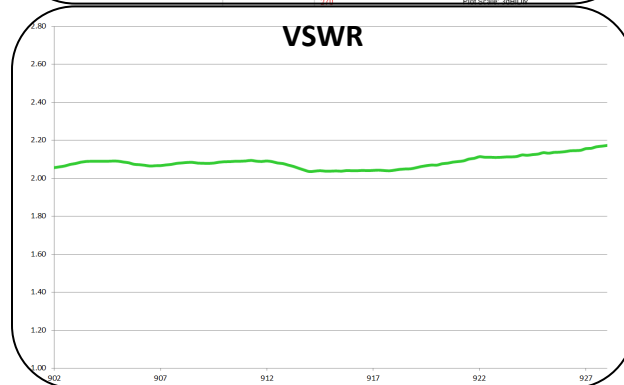
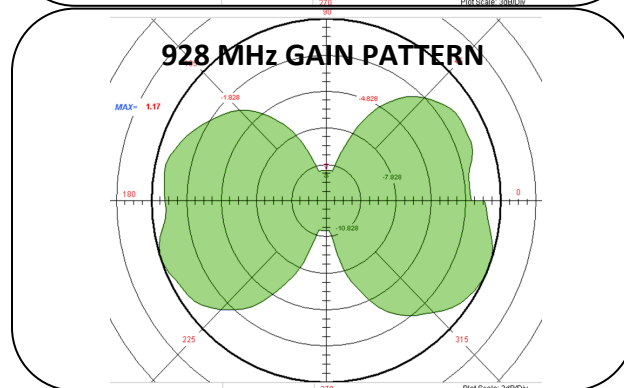
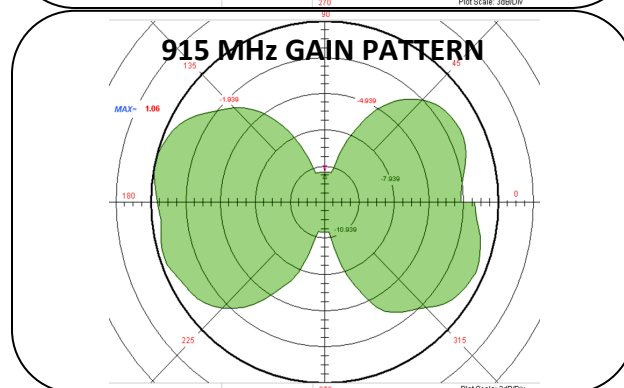
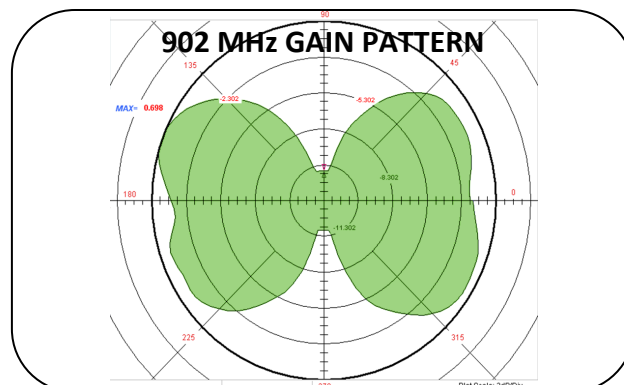
MECHANICAL:

Overall Height: 14.5 in. (0.37 m)

Net Weight: 1 lb. (0.45 kg)

Color: Black/Green/Tan/Grey

Mounting: TNC Connector



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y01450)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

High Temperature Antenna



The MADP2.4 antenna is designed to be used in high temperature applications exceeding 260°F (127°C) where reliability is needed most. This antenna works with all radios within the 2400 MHz band.

The antenna is designed to provide maximum Data, Video & Voice performance in a wide range of applications.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

Robust and tough, this antenna is housed in a heavy duty temperature handling radome and is constructed from corrosion resistant materials for reliability in the harshest environments.

- **High Temperature Handling**
- **Low VSWR**
- **Rugged and Compact Design**
- **Simple Installation.**



High Temperature Antenna

Specifications

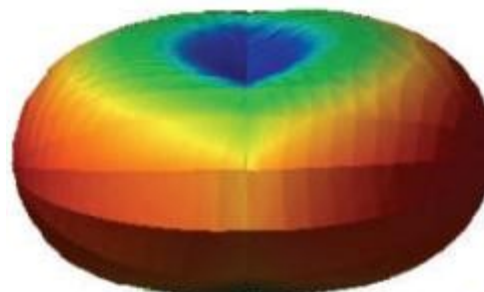
ELECTRICAL:

Frequency Range:	2400 MHz
Gain:	3.0 dBi +/- .5
VSWR:	1.5:1 Typical 2.0:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	25 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 57°
Input Connector:	Type SMA Female (Other connectors available.)

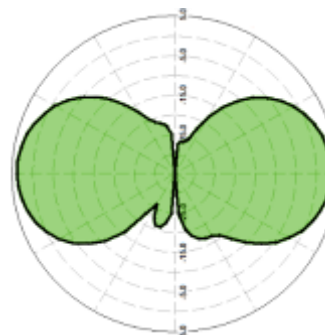
MECHANICAL:

Overall Height:	2.8 in. (71 mm)
Diameter:	.85 in. (22 mm)
Net Weight:	.12 lb. (55 g)
Maximum Wind Load:	125 mph (241 km/h)
Operational Temps:	-40° to +260°F (-40° to +126°C)
Color:	Tan
Mounting:	Plated Brass Base with Split Nut

3D REFERENCE



ELEVATION PATTERN REFERENCE



****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2015 Certified
(1Y32500)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com