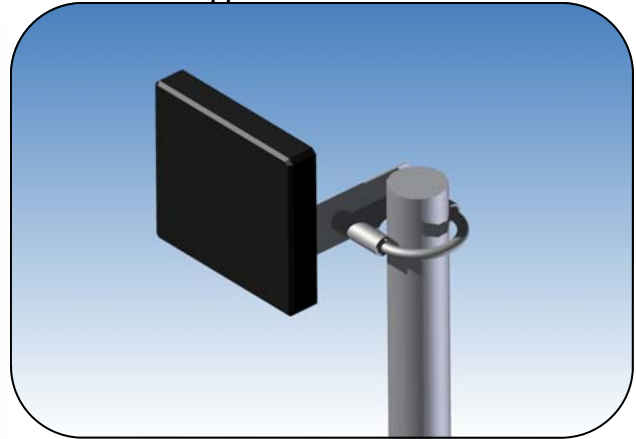


Ultra High Performance Directional Panel Series

Traffic Cams-Video Surveillance-Streaming Media & Data -Networks,
Micro Cell , Back Haul, Private Systems, Commercial Applications



Specifications

MECHANICAL:

Mounting: Wall / Pole / Stud
(Pole Mount: Mechanical Tilt $\pm 30^\circ$)

Radome: ASA, UL 94 V0 Production Qty
(ABS Proto Sample)

Colors: Black, White, Special On Request

Dimensions: 6"W X 6"T X 1.05" D
152mm W X 152mm T X 27mm D

Shock & Vibration: EN 61373, MIL-810G, &
IEEE 1478

Temperature: -40°C TO $+85^\circ\text{C}$

Weight: 11lb (.45KG)

Wind Survivability: 125mph

Lightning Protection: DC Grounded

Wind Loading: 20lbs Lateral Thrust Rated

Venting: Gas Pass, Drain Hole

Coax Length: 1 Foot Standard,
(Other Lengths Upon Request)

ELECTRICAL:

Frequency Ranges 1700-2200, 2200-3800 MHz
3800-4800, 4900-6000 MHz

Example Bands : AWS, WiFi, WiMAX, LTE, Uni

VSWR: 1.5:1 Typical @ operating frequency
2:1 Typical @ band edges

Input Impedance: 50 OHM

Power: 10 Watts Maximum

Gain: 10 dBi Peak ($\pm .5$) Typical


Beamwidth:
Azimuth: 60 Degrees
Elevation: 60 Degrees

Polarization: Linear (Vertical or Horizontal)

Front to Back Ratio: >25 dB Typical

Input Connector:
SMA (Jack), (Various Upon Request)
Coax: 195 or RG58 (Upon Request)

PART NUMBERING IDENTIFICATION


Frequency MHz
Gain (dBi)
Polarization
Connector Type
Gender
HDP-####-10-V-SMA-M

HASCALL-DENKE

P.O. Box 909, Palmetto, Florida 34220-0909

Tel: 941.723.2833 • Fax: 941.723.1628

www.hascall-denke.com

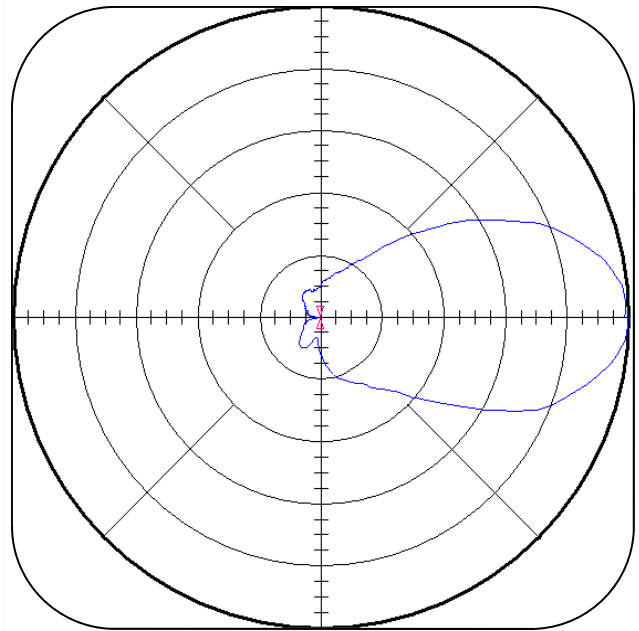
Form F042, Rev: _

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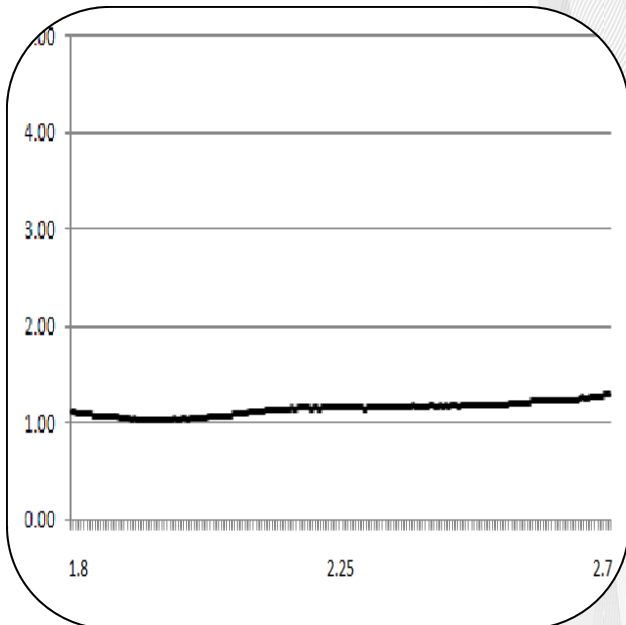
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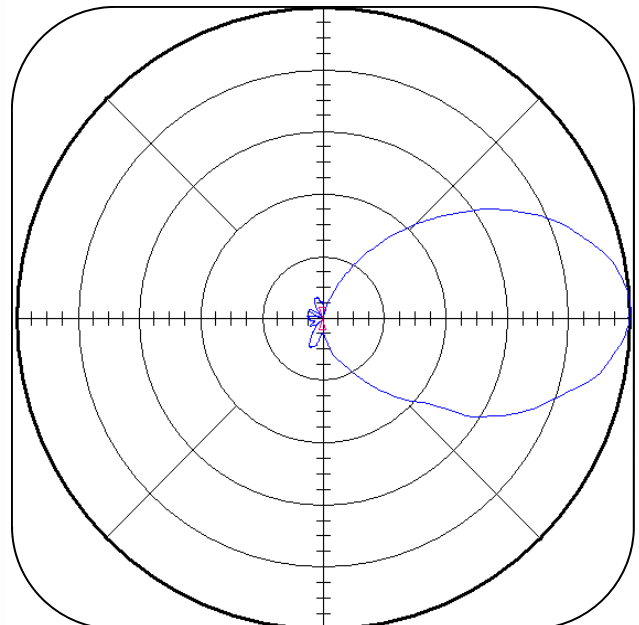
3D Reference



H-Plane / Azimuth



VSWR



E-Plane / Elevation

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

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