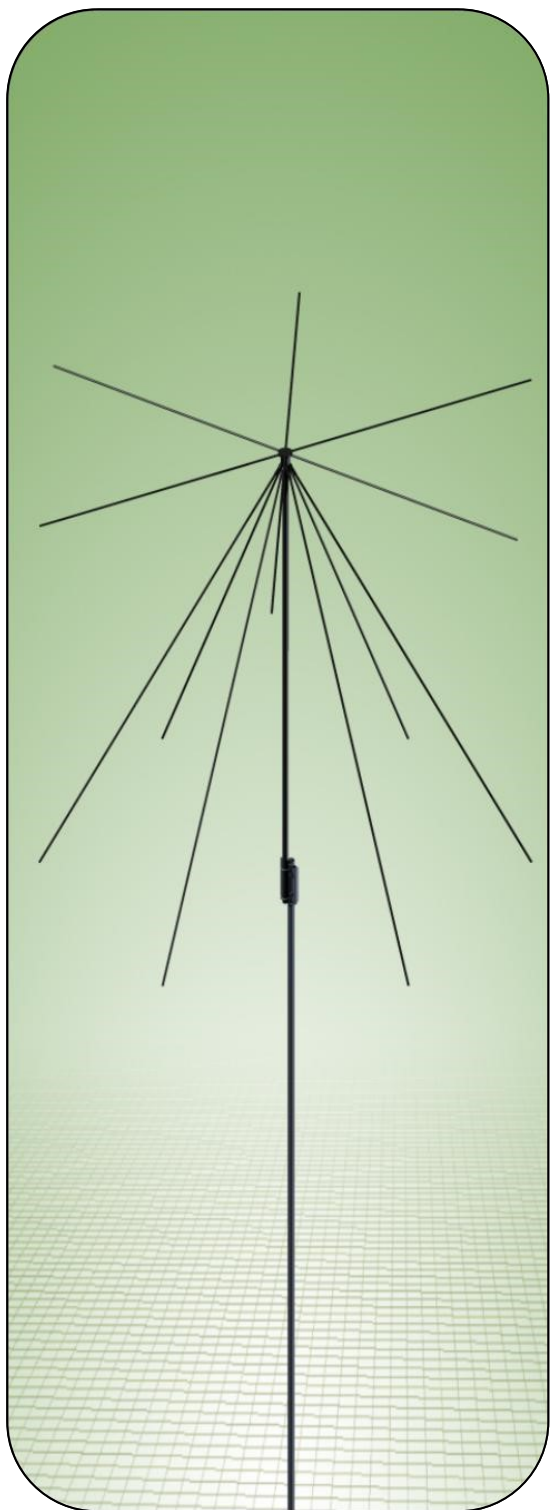


## Broadband Discone Antenna



The FXDC25X4 is a fixed base station, omnidirectional antenna designed to give the most uniform radiation pattern throughout the entire frequency spectrum of 25-100 MHz.

The general pattern approximates ideal hemispherical coverage for:

- **Base Station Communication**
- **Ship-to-Shore Communication**
- **Surface-to-Air Communication**

In general, the unity gain is most suited for diversified base station operations.

- **Uniform 360 Degrees Azimuth Coverage**
- **Vertical Polarization.**
- **Low VSWR.**

UM003 Mast Adapter sold separately.



# Broadband Discone Antenna

## Specifications

### ELECTRICAL:

<b>Frequency Range:</b>	25-100 MHz
<b>Gain:</b>	2.0 dBi @ 30 MHz 1.5 dBi @ 60 MHz 0.0 dBi @ 90 MHz
<b>VSWR:</b>	3.0:1 Maximum
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	250 Watts PEP and AVE
<b>Polarization:</b>	Vertical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 90°
<b>Input Connector:</b>	Type N Female

### MECHANICAL:

<b>Overall Height:</b>	10.2 ft. (3.10 m)
<b>Cone Diameter:</b>	11.7 ft. (3.56 m)
<b>Number Of Elements:</b>	6 Cone & 6 Disc
<b>Maximum Wind Load:</b>	115 mph (185 km/h)
<b>Color:</b>	Black/Green/Tan/Grey
<b>Mounting:</b>	UM003 Mast Adapter (Sold Separately)

**\*\*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 9001:2008 Certified  
(1Y05950)

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