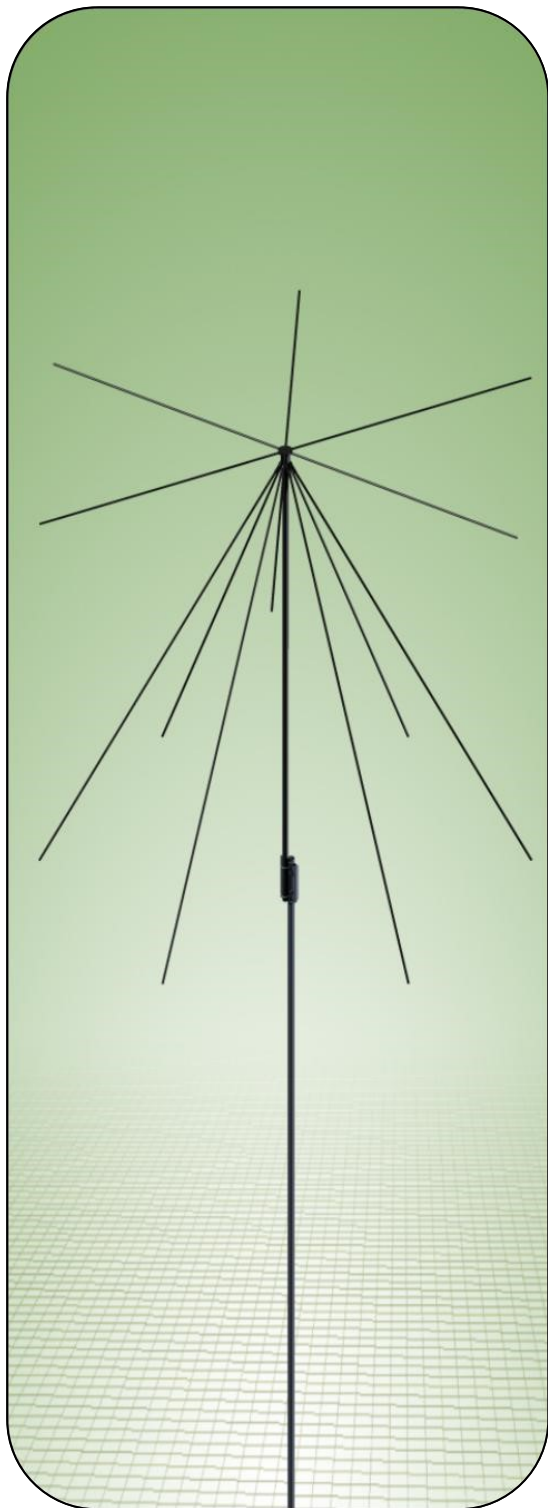


Broadband Discone Antenna



The FXDC30X3 is a fixed base station, omnidirectional antenna designed to give the most uniform radiation pattern throughout the entire frequency spectrum of 30-90 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:

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

MECHANICAL:

Overall Height:	9.7 ft. (2.79 m)
Cone Diameter:	9.3 ft. (2.84 m)
Number Of Elements:	6 Cone & 6 Disc
Net Weight:	14 lb. (6.35 kg)
Color:	Black/Green/Tan/Grey
Mounting:	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.

