

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.



**Features**

- Uniform 360° Azimuth Coverage
- Vertical Polarization
- Low VSWR

**Electrical Specifications**

Frequency	30-90 MHz
Polarization	Vertical
Impedance	50 Ω Nominal
VSWR	3.0:1 Maximum
Gain	-3 dBi @ 30 MHz 0 dBi @ 60 MHz 4 dBi @ 80 MHz
Radiation Pattern	Azimuth 360° Elevation 90°
Power	250 Watts PEP and AVE
Connector	Type N Female

**Mechanical Specifications**

Design	Discone
Height	9.7 ft. (2.79 m)
Cone Diameter	9.3 ft. (2.84 m)
Number of Elements	6 Cone & 6 Disc
Weight	14 lb. (6.35 kg)
Mount	UM003 Mast Adapter (Sold Separately)
Color	Black/Green/Tan/Grey

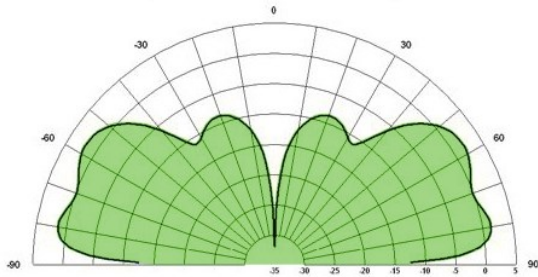
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\*\*Specifications are subject to change without prior notice.

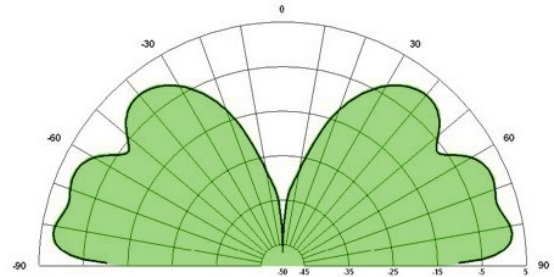


**Pattern**

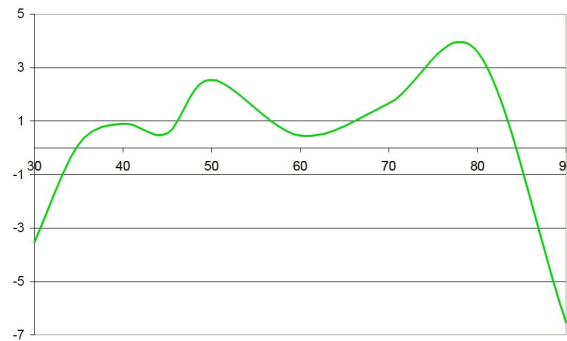
**GAIN PATTERN 35 MHz**



**GAIN PATTERN 50 MHz**



**Gain**



**VSWR**

