

RF-7800W-AT006

**RAPIDLY DEPLOYABLE
OMNI DIRECTIONAL
ANTENNA**

The RF-7800W-AT006 is a transportable omni directional antenna suited for rapid deployment and ease of use. The antenna covers the NATO band IV frequency range (4.4 to 5 GHz) which includes the public safety band.

The RF-7800W-AT006 is uniquely designed for high gain with signal coverage in all directions. It is ideal for point-to-multipoint applications and can easily be mounted on masts or towers.

Compact and lightweight, the RF-7800W-AT006 is the right antenna choice when signal coverage from any direction is required.



Mast and radio not included.



Electrical

Frequency Range	4.4 to 5.0 GHz
Gain	8.5 db (min), 10.0 db (typical), 11.0 db (max)
Impedance	50 ohm (nominal)
Polarization	Linear (vertical)
VSWR	1.5:1 (typical), 2.1:1 (max)
Radiation Pattern	360° Azimuth 5° Elevation
Cross Polarization	> 20 dB
Power:	10 W (max)

Environmental

Temperature	-40°C to +60°C
Relative Humidity	90% non-condensing at 50°C
Wind	137 MPH (220 KPH)

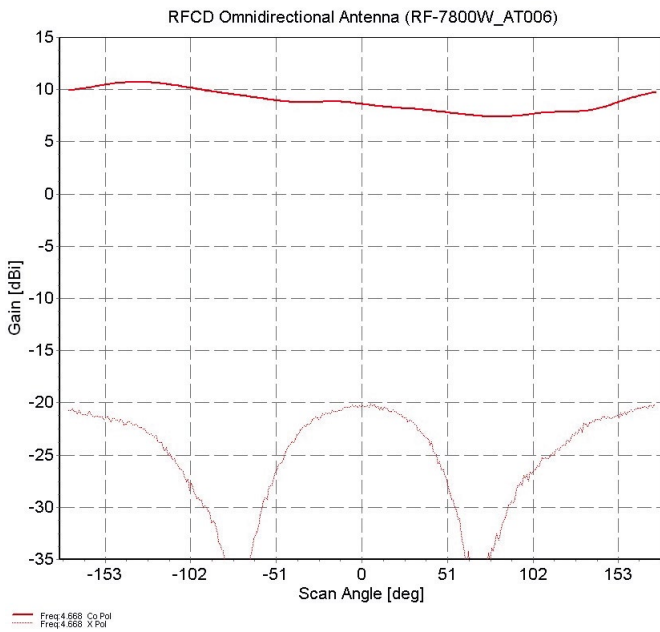
Mechanical

Dimensions	24" H x 1.1" D (610 mm H x 28 mm D)
Antenna Mount	Direct bracket mount
Antenna Weight	1.65 lbs. (.75 kg)
Color	FED-STD-595B Green
RF Connector	Type N Female

Features

- Lightweight
- High gain
- Omnidirectional
- Easy to deploy

Radiation Pattern at 4.6 GHz



Polar Radiation Pattern at 4.6 GHz

