

## 700/800 MHz Yagi Antenna

### Electrical Specifications

Frequency (Continuous)	758-870 MHz
Bandwidth	12 MHz
Gain	9 dBd
Power Rating (Max.)	100 W
Impedance (Nom.)	50 $\Omega$
Polarization	Vertical
VSWR (Max.)	1.5:1
Radiation Pattern	Directional (see pattern)
RF Connectors	N Female (cable tail)

### Mechanical Specifications

Material	Stainless Steel
Mounting	Each yagi includes a heavy duty stainless steel bracket for mounting to a 1.5-2.5" diameter mast. Mast is customer supplied.
Length	24" (610 mm)
Width	7" (178 mm)
Net Weight	2.2 lbs (1 kg)

### Environmental Specifications

Wind Rating	150 MPH
Wind Rating with 1/2" Ice	125 MPH

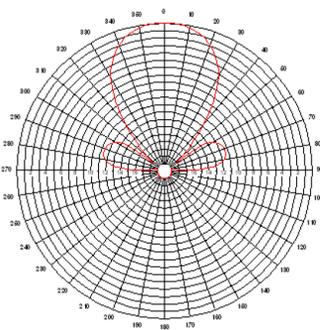


The EMR750Y9 antenna is a 9dBd gain, stainless steel yagi antenna for use in the linking band. Its high gain affords exceptional radio link coverage/ The antenna offers a stable radiation pattern across the entire 758-807 MHz band. Its robust construction ensures excellent longevity and performance. The stainless-steel construction is ideally suited fo rweather and corrosion resistance. All mechanical connetions are welded for minimum inter-modulation levels. All electrical connetors are directly soldered.

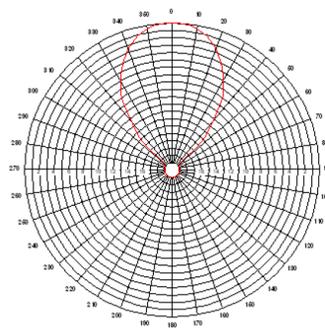
### Product Features

- Stainless Steel mounting boom & bracket.
- Folded Stainless Steel Dipole.
- Solid Stainless Steel passive elements.
- Rugged Construction.
- 3 Year Warranty.

### RADIATION PATTERNS



3 dB E Plane @ 825 MHz



3 dB H Plane @ 825 MHz

### VSWR

