

## 700/800 MHz Yagi Antenna

### Electrical Specifications

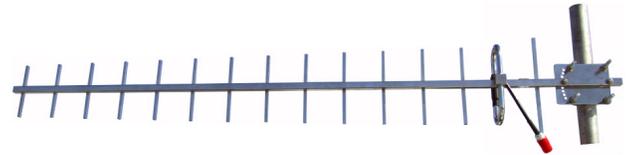
Frequency (Continuous)	758-870 MHz
Gain	12 dBd
Power Rating (Max.)	500 W
Bandwidth	Full Band
Front to Back Ratio	20 dB
Impedance (Nom.)	50 Ω
VSWR (Max.)	1.5:1
E Plane	33°
H Plane	37°
RF Connectors	N Female

### Mechanical Specifications

Material	All Welded Stainless Steel
Finish	Electropolished
Mounting	Each yagi includes a heavy duty stainless steel bracket for mounting to a 1.5-2.5" diameter mast. Mast is customer supplied.
Antenna Elements	15
Length	50.25" (1276 mm)
Tilt Adjustment	Vertical ± 20°
Net Weight	3 lbs (1.4 kg)

### Environmental Specifications

Wind Rating	200 MPH
Wind Rating with 1/2" Ice	150 MPH



The EMR800Y12 antenna is a 12dBd (14dBi) Gain, Stainless Steel Yagi antenna for use in the 758-870 MHz Radio Band. Its high gain affords exceptional radio link coverage. The EMR800Y12 antenna offers a stable radiation Pattern across the whole band 758-870 MHz. Its robust construction ensures excellent longevity and Performance. The all Stainless Steel construction is ideally suited for weather and corrosion resistance.

### Product Features

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

