



EM-B11809 **700/800 MHz** **6 Element Yagi Antenna** **760-870 MHz**

- » Rugged Aluminum Construction
- » UV and Environmentally Resistant Black Powder Coat Finish
- » Boom: 3/4" 6063 Aluminum
- » Radiators: 3/8" 6061 Aluminum, Solid Rod
- » V or H Polarization Mountable
- » Mounting Hardware Included
- » Integrated Feed Cable, RG-141 Plenum Type

Electrical Specifications

Frequency Band	760-870 MHz
VSWR	<1.5:1, typical, 2:1 max
Impedance	50Ω
Gain	9.5 dBi / 7.4 dBd
E-Plane HPBW	55°, typical
H-Plane HPBW	65°, typical
F/B	≥10 dB
Power Handling	125 W

Mechanical Specifications

Color / Finish	Black / Powder Coat
Dimensions	24 x 7.52 x 1.65 in. (610 x 191 x 42mm)
Mounting Diameter, Pipe	1.75 in. dia. (44.5mm), max (1-1/4 in. pipe)
Weight	1.4 lb. (.65 kg)
Mounting Application / Type	Pole/Mast Mount
Cable / Connector Type	RG-141 Plenum Type / N Type, Jack
Mounting Material / Finish	Steel / Dacron Finish
Wind Velocity, Rated	125 mph (201 km/h)
Operating Temperature Range	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

Specifications subject to change without notification.