



EM-B11909 **900 MHz** **6 Element Yagi Antenna** **890-960 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 | 890-960 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 6.85 x 1.65 in. (610 x 174 x 42mm) |
| Mounting Diameter, Pipe | 1.75 in. dia. (44.5mm), max (1-1/4 in. pipe) |
| Weight | 1.25 lb. (.57 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.