



EM-BY11709-NJ 6 Element Yagi Antenna 9 dBi, 760-870 MHz

- » Fully Welded 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 Low Loss Feeder Cable

Electrical Specifications

Frequency Band	760-870 MHz
VSWR	<1.5:1
Impedance	50Ω
Gain	9.0 dBi / 6.9 dBd
E-Plane HPBW	45°, typical
H-Plane HPBW	60°, typical
F/B	≥15 dB
Power Handling	250 W

Mechanical Specifications

Color / Finish	Black / Powder Coat
Dimensions	22.8 x 7.75 x 2.95 in. (580 x 197 x 75mm)
Mounting Diameter, Pipe	1.75 in. dia. (44.5mm), max (1-1/4 in. pipe)
Weight	3.1 lb. (1.41 kg), includes mounting hardware
Mounting Application / Type	Pole/Mast Mount
Feeder Cable / Connector	Low Loss 400 Type / Type N, Jack
Mounting Material	Stainless Steel & Aluminum
Wind Velocity, Rated	134 mph (216 km/h)
Operating Temperature Range	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

Specifications subject to change without notification.

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