Product Data Sheet







EM-BY11909-NJ

6 Element Yagi Antenna

9 dBi, 890-960 MHz

- Fully Welded Aluminum Construction
- UV and Environmentally Resistant Black Poly 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	890-960 MHz
VSWR	<1.5:1
Impedance	50Ω
Gain	9.0 dBi / 6.9 dBd
E-Plane HPBW	52º, typical
H-Plane HPBW	48º, typical
F/B	≥15 dB
Power Handling	250 W

Mechanical Specifications

Color / Finish	Black / Poly Coat
Dimensions	21.14 x 6.77 x 2.36 in. (537 x 172 x 60 mm)
Mounting Diameter, Pipe	1.75 in. dia. (44.5mm), max (1-1/4 in. pipe)
Weight	3.0 lb. (1.36 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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