

900 MHz Aluminum Yagi Antenna Series

The MYA 900 MHz yagi antennas are unsurpassed in their price to performance ratio. All models feature 6061-T6 seamless aluminum construction and stainless steel hardware. Elements are bolted through the boom for added ruggedness.

General Specifications:

900 MHz aluminum yagi antenna series

Radiator Material:

3/8" solid 6061-T6 aluminum

Polarization:

Linear, vertical or horizontal

Lightning Protection:

DC grounded

Nominal Impedance:

50 Ohms

Mounting Method:

MYK1 pipe mounting bracket for pipes up to 1-5/8" in diameter (included)

Termination:

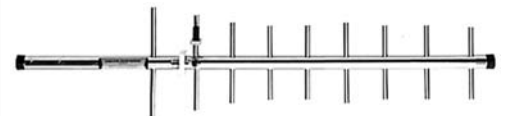
Reverse Polarity TNC (MYA9156RPC and MYA91512RPC)
N female (all other models)

Features and Benefits:

- Stainless steel hardware for added durability.
- MYA9306ED features enclosure of the driven element for added protection.
- Factory assembled and tuned for reliable performance.
- Stacking harness available for phasing two or more antennas.
- Black finish available on select models.



MYA9153



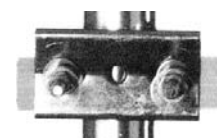
MYA93012



BMYA9306



MYA93012



MYK1 Mounting Bracket (included)

Specifications

Electrical Specifications

Model #	Frequency Range	Factory Tuned Frequency	Gain	Bandwidth @ 1.5:1 VSWR	Horizontal Beamwidth @ 1/2 Power	Vertical Beamwidth @ 1/2 Power	Front-to-Back Ratio	Maximum Power
MYA9153RPC	896-970 MHz	915 MHz	6 dB	50 MHz	72°	57°	15 dB	150 Watts
MYA9153	896-970 MHz	915 MHz	6 dB	50 MHz	72°	57°	15 dB	150 Watts
(B)MYA9303	896-970 MHz	930 MHz	6 dB	50 MHz	72°	57°	15 dB	150 Watts
MYA9156RPC	896-940 MHz	915 MHz	9 dB	45 MHz	48°	56°	20 dB	150 Watts
MYA9156	896-940 MHz	915 MHz	9 dB	45 MHz	48°	56°	20 dB	150 Watts
(B)MYA9306	896-970 MHz	930 MHz	9 dB	75 MHz	48°	56°	20 dB	150 Watts
MYA9306ED	896-940 MHz	930 MHz	9 dB	45 MHz	48°	56°	20 dB	150 Watts
MYA9309	896-970 MHz	930 MHz	10 dB	75 MHz	52°	43°	20 dB	150 Watts
MYA91512RPC	896-940 MHz	915 MHz	11 dB	45 MHz	40°	42°	20 dB	150 Watts
MYA91512	896-940 MHz	915 MHz	11 dB	45 MHz	40°	42°	20 dB	150 Watts
(B)MYA93012	896-970 MHz	930 MHz	11 dB	75 MHz	40°	42°	20 dB	150 Watts

Prefix "B" indicates black.

Mechanical Specifications

Model #	Wind Survival	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Elements	Weight	Boom Length	Boom Diameter
MYA9153RPC	125 mph	5.9 lbs	4.2 ft-lbs	3	1.5 lbs (0.680 kg)	17" (431.8 mm)	7/8" (22.23 mm)
MYA9153	125 mph	5.9 lbs	4.2 ft-lbs	3	1.5 lbs (0.680 kg)	17" (431.8 mm)	7/8" (22.23 mm)
(B)MYA9303	125 mph	5.9 lbs	4.2 ft-lbs	3	1.5 lbs (0.680 kg)	17" (431.8 mm)	7/8" (22.23 mm)
MYA9156RPC	125 mph	9.1 lbs	10.6 ft-lbs	6	1.5 lbs (0.680 kg)	23" (584.2 mm)	7/8" (22.23 mm)
MYA9156	125 mph	9.1 lbs	10.6 ft-lbs	6	1.5 lbs (0.680 kg)	23" (584.2 mm)	7/8" (22.23 mm)
(B)MYA9306	125 mph	9.1 lbs	10.6 ft-lbs	6	1.5 lbs (0.680 kg)	23" (584.2 mm)	7/8" (22.23 mm)
MYA9306ED	125 mph	16.3 lbs	14.7 ft-lbs	6	2.1 lbs (0.950 kg)	28" (711.2 mm)	7/8" (22.23 mm)
MYA9309	125 mph	10.3 lbs	12.7 ft-lbs	9	1.5 lbs (0.680 kg)	23" (584.2 mm)	7/8" (22.23 mm)
MYA91512RPC	125 mph	16.6 lbs	23.3 ft-lbs	12	2.5 lbs (1.134 kg)	48" (1219.2 mm)	7/8" (22.23 mm)
MYA91512	125 mph	16.6 lbs	23.3 ft-lbs	12	2.5 lbs (1.134 kg)	48" (1219.2 mm)	7/8" (22.23 mm)
(B)MYA93012	125 mph	16.6 lbs	23.3 ft-lbs	12	2.5 lbs (1.134 kg)	48" (1219.2 mm)	7/8" (22.23 mm)

Prefix "B" indicates black.