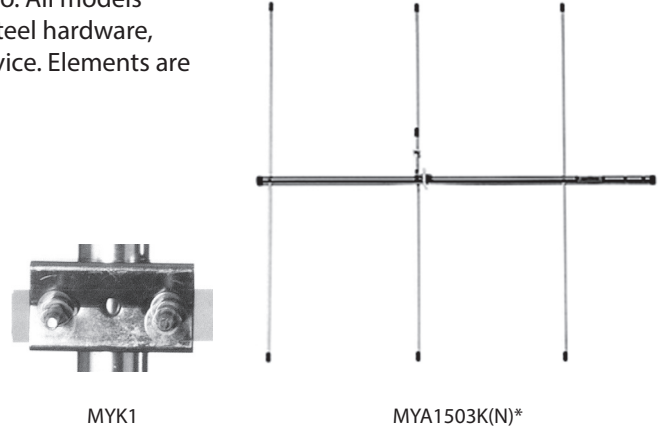


## Aluminum Yagi Antennas, VHF, UHF & 800/900 MHz

PCTEL's MYA yagis are unsurpassed in their price-to-performance ratio. All models feature rugged 6061-T6 seamless aluminum construction, stainless steel hardware, and through boom mounting of all elements for years of reliable service. Elements are DC grounded to the boom. These antennas are UPS shippable.

### Features

- Stainless steel hardware
- Stacking harness available for phasing two or more antennas
- Heavy-duty, double-walled aluminum boom
- DC grounded
- MYK1 mount
- Wind Load Rating 100 mph



### STANDARD CONFIGURATION

Model	Connector	Elements
MYA1503K(N)*	SO239 standard, N Female is optional	3
MYA4503(N)	SO239 standard, N Female is optional	3
MYA4505(N)	SO239 standard, N Female is optional	5
MYA8063	N Female	3
MYA8066	N Female	6
MYA9153	N Female	3
MYA93012	N Female	12
MYA9303	N Female	3
MYA9306	N Female	6

### ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Factory Tuned Frequency	Gain	Bandwidth @ 1.5:1 VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth	Front to Back Ratio	Maximum Power	Nominal Impedance
MYA1503K(N)*	150-174 MHz	150 MHz	9.2 dBi	0.7 MHz	72°	57°	17 dB	250 watts	50 ohms
MYA4503(N)	450-470 MHz	460 MHz	9.2 dBi	20 MHz	72°	57°	17 dB	300 watts	50 ohms
MYA4505(N)	450-470 MHz	460 MHz	11.3 dBi	20 MHz	56°	48°	20 dB	300 watts	50 ohms
MYA8063	806-866 MHz	813 MHz	8.1 dBi	60 MHz	72°	57°	15 dB	100 watts	50 ohms
MYA8066	806-866 MHz	813 MHz	11.1 dBi	60 MHz	42°	40°	16 dB	100 watts	50 ohms
MYA9153	896-940 MHz	915 MHz	8.1 dBi	75 MHz	72°	57°	15 dB	100 watts	50 ohms
MYA93012	896-970 MHz	930 MHz	13.1 dBi	75 MHz	40°	42°	20 dB	100 watts	50 ohms
MYA9303	896-970 MHz	930 MHz	8.1 dBi	50 MHz	72°	57°	15 dB	100 watts	50 ohms
MYA9306	896-970 MHz	930 MHz	11.1 dBi	75 MHz	48°	56°	20 dB	100 watts	50 ohms

\* Field tunable antennas. Suffix "N" indicates "N" connector.

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### MECHANICAL SPECIFICATIONS

Model	Dimensions	Weight	Lateral Thrust @ 100mhp	Equivalent Flat Plate Area
MYA1503K(N)*	Boom Length: 42", Boom Diameter: 7/8"	3 lbs (1.4 kg)	22.1 lbs	.36 sq ft
MYA4503(N)	Boom Length: 23", Boom Diameter: 7/8"	1.5 lbs (0.7 kg)	7.98 lbs	.15 sq ft
MYA4505(N)	Boom Length: 35.5", Boom Diameter: 7/8"	2.0 lbs (0.9 kg)	12.35 lbs	.23 sq ft
MYA8063	Boom Length: 17", Boom Diameter: 7/8"	1.5 lbs (0.7 kg)	4.29 lbs	.10 sq ft
MYA8066	Boom Length: 28", Boom Diameter: 7/8"	2 lbs (0.9 kg)	8.75 lbs	.17 sq ft
MYA9153	Boom Length: 17", Boom Diameter: 7/8"	1.5 lbs (1.5 kg)	4.13 lbs	.09 sq ft
MYA93012	Boom Length: 48", Boom Diameter: 7/8"	2.5 lbs (1.1 kg)	16.1 lbs	.27 sq ft
MYA9303	Boom Length: 17", Boom Diameter: 7/8"	1.5 lbs (0.7 kg)	4.13 lbs	.09 sq ft
MYA9306	Boom Length: 23", Boom Diameter: 7/8"	1.5 lbs (0.7 kg)	8.43 lbs	.16 sq ft