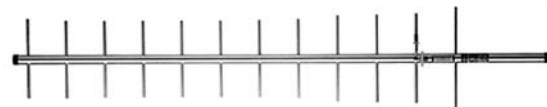


MYA Series, UHF Aluminum Yagi Antennas

The MYA UHF 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. Select models are available in black finish. These antennas are UPS shippable.

Features

- Stainless steel hardware
- Factory assembled and tuned to mid-band frequency (models with suffix "K" are field tunable)
- Stacking harness available for phasing two or more antennas (see Base Station accessory section)
- Black finish available on select models



MYA43012

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
MYA3003(N)*	300-350 MHz	Specify Frequency	7.1 dB	4 MHz	72°	57°	17 dB
MYA3003K(N)	300-350 MHz	Field Tunable	7.1 dB	4 MHz	72°	57°	17 dB
MYA3503(N)*	350-406 MHz	Specify Frequency	7.1 dB	4 MHz	72°	57°	17 dB
MYA3503K(N)	350-406 MHz	Field Tunable	7.1 dB	4 MHz	72°	57°	17 dB
MYA4063(N)	406-420 MHz	413 MHz	7.1 dB	15 MHz	72°	57°	17 dB
MYA4303(N)	430-450 MHz	440 MHz	7.1 dB	15 MHz	72°	57°	17 dB
(B)MYA4503(N)	450-470 MHz	460 MHz	7.1 dB	15 MHz	72°	57°	17 dB
MYA4703(N)	470-490 MHz	480 MHz	7.1 dB	15 MHz	72°	57°	17 dB
MYA4903(N)	490-512 MHz	501 MHz	7.1 dB	15 MHz	72°	57°	17 dB
MYA3505(N)*	350-406 MHz	Specify Frequency	9.2 dB	4 MHz	56°	48°	20 dB
MYA3505K(N)	350-406 MHz	Field Tunable	9.2 dB	4 MHz	56°	48°	20 dB
MYA3955(N)	388-402 MHz	395 MHz	9.2 dB	15 MHz	56°	48°	20 dB
MYA4065(N)	406-420 MHz	413 MHz	9.2 dB	15 MHz	56°	48°	20 dB
MYA4205(N)	420-440 MHz	430 MHz	9.2 dB	15 MHz	56°	48°	20 dB
MYA4305(N)	430-450 MHz	440 MHz	9.2 dB	15 MHz	56°	48°	20 dB
(B)MYA4505(N)	450-470 MHz	460 MHz	9.2 dB	15 MHz	56°	48°	20 dB
(B)MYA4705(N)	470-490 MHz	480 MHz	9.2 dB	15 MHz	56°	48°	20 dB
MYA4905(N)	490-512 MHz	501 MHz	9.2 dB	15 MHz	56°	48°	20 dB
MYA3006*	300-320 MHz	Specify Frequency	9.2 dB	20 MHz	42°	40°	17 dB
MYA3506(N)	350-406 MHz	Specify Frequency	10.2 dB	4 MHz	42°	40°	20 dB
MYA3506K(N)	350-406 MHz	Field Tunable	10.2 dB	4 MHz	42°	40°	20 dB
MYA4066(N)	406-420 MHz	413 MHz	10.2 dB	15 MHz	42°	40°	20 dB
MYA4306(N)	430-450 MHz	440 MHz	10.2 dB	15 MHz	42°	40°	20 dB
(B)MYA4506(N)	450-470 MHz	460 MHz	10.2 dB	15 MHz	42°	40°	20 dB
MYA4706(N)	470-490 MHz	480 MHz	10.2 dB	15 MHz	42°	40°	20 dB
MYA4906(N)	490-512 MHz	501 MHz	10.2 dB	15 MHz	42°	40°	20 dB
MYA43012(N)	430-450 MHz	440 MHz	12.2 dB	15 MHz	36°	34°	25 dB
(B)MYA45012(N)	450-470 MHz	460 MHz	12.2 dB	15 MHz	36°	34°	25 dB
MYA47012(N)	470-490 MHz	480 MHz	12.2 dB	15 MHz	36°	34°	25 dB
MYA49012(N)	490-512 MHz	501 MHz	12.2 dB	15 MHz	36°	34°	25 dB

* Must specify frequency when ordering; add \$3.00 for "N" connector. Prefix "B" indicates black.

General Specifications:

Radiator Material:

3/8" solid 6061-T6 aluminum

Termination:

SO239 standard, N female is optional

Lightning Protection:

DC grounded

Wind Survival:

100 mph

Mounting Method:

MYK1 standard mast mount included with all models, except 12 element yagis

MYK2 standard mast mount included with 12 element models

Maximum Mount Pipe Diameter:

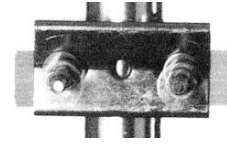
Up to 2" with factory supplied mounts

Maximum Power:

300 Watts

Nominal Impedance:

50 Ohms



MYK1



MYK2

Mechanical Specifications

Model #	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Elements	Weight	Boom Length	Boom Diameter
MYA3003(N)*	.17 ft ²	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	23"	7/8"
MYA3003K(N)	.17 ft ²	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	23"	7/8"
MYA3503(N)*	.17 ft ²	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	23"	7/8"
MYA3503K(N)	.17 ft ²	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	23"	7/8"
MYA4063(N)	.15 ft ²	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	23"	7/8"
MYA4303(N)	.15 ft ²	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	23"	7/8"
(B)MYA4503(N)	.15 ft ²	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	23"	7/8"
MYA4703(N)	.15 ft ²	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	23"	7/8"
MYA4903(N)	.15 ft ²	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	23"	7/8"
MYA3505(N)*	.26 ft ²	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA3505K(N)	.26 ft ²	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA3955(N)	.26 ft ²	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA4065(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA4205(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA4305(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
(B)MYA4505(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
(B)MYA4705(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA4905(N)	.23 ft ²	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	35.5"	7/8"
MYA3006*	.32 ft ²	12.8 lbs	22.3 ft-lbs	6	2.5 lbs	42"	7/8"
MYA3506(N)	.32 ft ²	12.8 lbs	22.3 ft-lbs	6	2.5 lbs	42"	7/8"
MYA3506K(N)	.32 ft ²	12.8 lbs	22.3 ft-lbs	6	2.5 lbs	42"	7/8"
MYA4066(N)	.29 ft ²	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	42"	7/8"
MYA4306(N)	.29 ft ²	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	42"	7/8"
(B)MYA4506(N)	.29 ft ²	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	42"	7/8"
MYA4706(N)	.29 ft ²	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	42"	7/8"
MYA4906(N)	.29 ft ²	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	42"	7/8"
MYA43012(N)	.62 ft ²	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	72"	1-1/4"
(B)MYA45012(N)	.62 ft ²	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	72"	1-1/4"
MYA47012(N)	.62 ft ²	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	72"	1-1/4"
MYA49012(N)	.62 ft ²	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	72"	1-1/4"

* Must specify frequency when ordering; add \$3.00 for "N" connector. Prefix "B" indicates black.