

MYA UHF Series Yagi Antennas

The MYA UHF Series Yagis are unsurpassed in their price to performance ratio. All feature rugged 6061-T6 seamless aluminum construction, stainless steel hardware, and through boom mounting of all elements for years of reliable service. All elements are DC grounded to the boom and all models 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)
- ◆ (B) Black finish available on select models

Electrical Specifications

MYA UHF Series, Aluminum Yagi

Model #	Frequency Range	Factory Tuned Frequency	Gain	Bandwidth		Horizontal	Vertical	Front to Back Ratio
				1.5:1	VSWR	@ Beamwidth @ 1/2 Power	@ 1/2 Power	
MYA-3003(N)*	300-350 MHz	Specify Freq.	7.1dB	4 MHz		72°	57°	17dB
MYA-3003K(N)	300-350 MHz	Field Tunable	7.1dB	4 MHz		72°	57°	17dB
MYA-3503(N)*	350-400 MHz	Specify Freq.	7.1dB	4 MHz		72°	57°	17dB
MYA-3503K(N)	350-400 MHz	Field Tunable	7.1dB	4 MHz		72°	57°	17dB
MYA-4063(N)	406-420 MHz	413 MHz	7.1dB	15 MHz		72°	57°	17dB
MYA-4303(N)	430-450 MHz	440 MHz	7.1dB	15 MHz		72°	57°	17dB
(B)MYA-4503(N)	450-470 MHz	460 MHz	7.1dB	15 MHz		72°	57°	17dB
MYA-4703(N)	470-490 MHz	480 MHz	7.1dB	15 MHz		72°	57°	17dB
MYA-4903(N)	490-512 MHz	501 MHz	7.1dB	15 MHz		72°	57°	17dB
MYA-3505(N)*	350-406 MHz	Specify Freq.	9.2dB	4 MHz		56°	48°	20dB
MYA-3505K(N)	350-406 MHz	Field Tunable	9.2dB	4 MHz		56°	48°	20dB
MYA-3955(N)	388-402 MHz	395 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-4065(N)	406-420 MHz	413 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-4205(N)	420-440 MHz	430 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-4305(N)	430-450 MHz	440 MHz	9.2dB	15 MHz		56°	48°	20dB
(B)MYA-4505(N)	450-470 MHz	460 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-4705(N)	470-490 MHz	480 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-4905(N)	490-512 MHz	501 MHz	9.2dB	15 MHz		56°	48°	20dB
MYA-3506(N)*	350-406 MHz	Specify Freq.	10.2dB	4 MHz		42°	40°	20dB
MYA-3506K(N)	350-406 MHz	Field Tunable	10.2dB	4 MHz		42°	40°	20dB
MYA-4066(N)	406-420 MHz	413 MHz	10.2dB	15 MHz		42°	40°	20dB
MYA-4306(N)	430-450 MHz	440 MHz	10.2dB	15 MHz		42°	40°	20dB
(B)MYA-4506(N)	450-470 MHz	460 MHz	10.2dB	15 MHz		42°	40°	20dB
MYA-4706(N)	470-490 MHz	480 MHz	10.2dB	15 MHz		42°	40°	20dB
MYA-4906(N)	490-512 MHz	501 MHz	10.2dB	15 MHz		42°	40°	20dB
MYA-43012(N)	430-450 MHz	440 MHz	12.2dB	15 MHz		36°	34°	25dB
(B)MYA-45012(N)	450-470 MHz	460 MHz	12.2dB	15 MHz		36°	34°	25dB
MYA-47012(N)	470-490 MHz	480 MHz	12.2dB	15 MHz		36°	34°	25dB
MYA-49012(N)	490-512 MHz	501 MHz	12.2dB	15 MHz		36°	34°	25dB

***Must specify frequency when ordering; Add \$3.00 for "N" connector**

Prefix "B" indicates black

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General Specifications for MYA-UHF Series

Radiator Material:

3/8" solid 6061-T6 aluminum

Termination:

SO-239 standard, "N" female optional

Lightning Protection:

DC grounded

Wind Survival:

100 mph

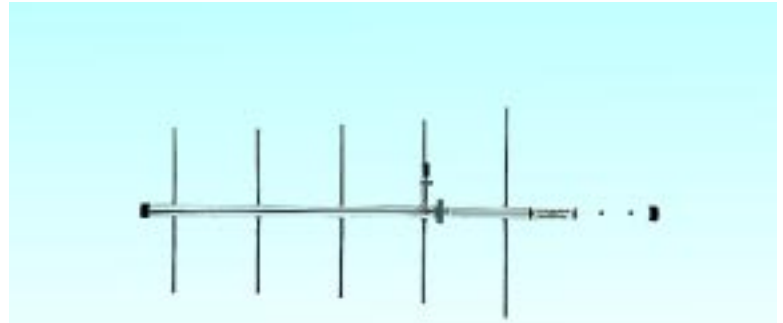
Maximum Mount Pipe Diameter:

7/8" boom- 1 5/8"

1 1/4" boom- 2"

Maximum Power:

300 watts



MYA-4505

Mechanical Specifications

MYA UHF Series, Aluminum Yagi

Model #	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Elements	Weight	Mounting Hardware (Included)	Boom Length	Boom Diameter
MYA-3003(N)*	.17 sq ft	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-3003K(N)	.17 sq ft	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-3503(N)*	.17 sq ft	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-3503K(N)	.17 sq ft	6.9 lbs	6.6 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-4063(N)	.15 sq ft	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-4303(N)	.15 sq ft	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
(B)MYA-4503(N)	.15 sq ft	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-4703(N)	.15 sq ft	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-4903(N)	.15 sq ft	6.1 lbs	5.9 ft-lbs	3	1.5 lbs	MYK1	23"	7/8"
MYA-3505(N)*	.26 sq ft	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	MYK1	35 1/2"	7/8"
MYA-3505K(N)	.26 sq ft	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	MYK1	35 1/2"	7/8"
MYA-3955(N)	.26 sq ft	10.3 lbs	15.2 ft-lbs	5	2.0 lbs	MYK1	35 1/2"	7/8"
MYA-4065(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
MYA-4205(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
MYA-4305(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
(B)MYA-4505(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
MYA-4705(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
MYA-4905(N)	.23 sq ft	9.3 lbs	12.6 ft-lbs	5	2.0 lbs	MYK1	32 1/2"	7/8"
MYA-3506(N)*	.32 sq ft	12.8 lbs	22.3 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-3506K(N)	.32 sq ft	12.8 lbs	22.3 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-4066(N)	.29 sq ft	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-4306(N)	.29 sq ft	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
(B)MYA-4506(N)	.29 sq ft	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-4706(N)	.29 sq ft	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-4906(N)	.29 sq ft	12.2 lbs	21.4 ft-lbs	6	2.5 lbs	MYK1	42"	7/8"
MYA-43012(N)	.62 sq ft	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	MYK2	72"	1 1/4"
(B)MYA-45012(N)	.62 sq ft	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	MYK2	72"	1 1/4"
MYA-47012(N)	.62 sq ft	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	MYK2	72"	1 1/4"
MYA-49012(N)	.62 sq ft	24.9 lbs	74.6 ft-lbs	12	5.0 lbs	MYK2	72"	1 1/4"

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