

# YAGI 890 - 960 ANTENNA MHz

4EE SERIES - 4 Extreme

Rugged Construction for the most harsh and severe environments with true to specification RF performance



## FEATURES

Heavy Duty Stainless Steel Construction	Solid Iron Mounting Bracket	360 Degree Weld Elements to Boom	Black Polyester Powder Coat Finish	PVC Heat Shrink on Connector	High Quality LMR400 Cable
Lifetime Warranty Female N Connector	Gains Available: 9, 12, 14, 16, 17 dBi	Available: 2', 15', 25'	Horizontal Polarization	Waterproof Gamma Match	Minimum Order Requirements
				Photo 900 MHz yagi	<a href="#">m</a>

## SPECIFICATIONS

Part Number	YA9006W	YA9009W	YA90010W	YA90012W	YA90014W
Frequency Range	890 - 960 MHz	890 - 960 MHz	890 - 960 MHz	890 - 960 MHz	890 - 960 MHz
Gain	6 dBi	9 dBi	10 dBi	12 dBi	14 dBi
Front to Back Ratio	14 dB minimum	14 dB minimum	14 dB minimum	16 dB minimum	16 dB minimum
Beamwidth	80H 65V	80H 60V	58H 50V	58H 45V	34H 30V
VSWR	1.5:1 Typical	1.5:1 Typical	1.5:1 Typical	1.5:1 Typical	1.5:1 Typical
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Maximum Power	100 Watts	100 Watts	100 Watts	100 Watts	100 Watts

<b>Connector Interface</b>	N Type Female	N Type Female	N Type Female	N Type Female	N Type Female
<b>Windload</b>	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph
<b>Polarization</b>	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
<b>Lightning Protection</b>	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
<b>Structure</b>	3 Elements	5 Elements	6 Elements	7 Elements	9 Elements
<b>Length</b>	9.84"/250 mm	20.08"/510 mm	20.3"/515mm	26.2"/665 mm	35"/890 mm
<b>Width</b>	7.09"/180 mm	7.09"/180 mm	7.09"/180 mm	7.09"/180 mm	7.09"/180 mm
<b>Depth</b>	2.3"/58 mm	2.3"/58 mm	2.3"/58 mm	2.3"/58 mm	2.3"/58 mm
<b>Weight</b>	0.99#/0.45 kg	1.43#/0.65 kg	1.54#/0.7 kg	1.87#/0.85 kg	2.3#/1.06 kg
<b>Mast Sizes Compatible</b>	1.5"-2.0" 40-50 mm	1.5"-2.0" 40-50 mm	1.5"-2.0" 40-50 mm	1.5"-2.0" 40-50 mm	1.5"-2.0" 40-50 mm
<b>Mounting</b>	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware
<b>Standard Cable Length</b>	2'/610 mm	2'/610 mm	2'/610 mm	2'/610 mm	2'/610 mm
<b>List Price</b>	\$251.00	\$264.00	\$285.00	\$315.00	\$366.00
<b>15' Cable Length</b>	<b>YA9006W-15</b>	<b>YA9009W-15</b>	<b>YA90010W-15</b>	<b>YA90012W-15</b>	<b>YA90014W-15</b>
<b>List Price</b>	\$275.00	\$288.00	\$309.00	\$339.00	\$390.00
<b>25' Cable Length</b>	<b>YA9006W-25</b>	<b>YA9009W-25</b>	<b>YA90010W-25</b>	<b>YA90012W-25</b>	<b>YA90014W-25</b>
<b>List Price</b>	\$299.00	\$314.00	\$333.00	\$363.00	\$414.00