

# YAGI ANTENNA 2400 - 2483 MHz



**4EE SERIES - 4 Extreme Environments**

**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	Cable Lengths Available: 2', 15', 25'	Vertical or Horizontal Polarization	Waterproof Gamma Match	Minimum Order Requirements
				Photo 900 MHz yagi	<a href="http://www.dmswireless.com">www.dmswireless.com</a>

## SPECIFICATIONS

Part Number	YA24009W	YA240010W	YA240012W	YA240014W	YA240015W
Frequency Range	2400 - 2483 MHz	2400 - 2483 MHz	2400 - 2483 MHz	2400 - 2483 MHz	2400 - 2483 MHz
Gain	9 dBi	10 dBi	12 dBi	14 dBi	15 dBi
Front to Back Ratio	15 dB minimum	15 dB minimum	16 dB minimum	18 dB minimum	18 dB minimum
Beamwidth	61H 52V	48H 38V	43H 34V	31H 29V	30H 29V
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
Connector Interface	N Type Female	N Type Female	N Type Female	N Type Female	N Type Female
Windload	210KMH/130MPH	210KMH/130MPH	210KMH/130MPH	210KMH/130MPH	210KMH/130MPH
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Structure	4 Elements	6 Elements	7 Elements	11 Elements	14 Elements
Length	8.66"/ 220 mm	12.8"/ 325 mm	13.8"/ 350 mm	19.9"/ 505 mm	24.8"/ 630 mm
Weight	1.76#/ 0.8 kg	2#/ 0.9 kg	2.1#/ 0.95 kg	2.25#/ 1.02 kg	2.42#/ 1.1 kg
Mast Sizes Compatible	1.5"-2.0" 40-50mm	1.5"-2.0" 40-50mm	1.5"-2.0" 40-50mm	1.5"-2.0" 40-50mm	1.5"-2.0" 40-50mm
Double U Bolt Mounting	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware
Standard Cable Length	2'/610mm	2'/610mm	2'/610mm	2'/610mm	2'/610mm
15' Cable Length	YA24009W-15	YA240010W-15	YA240012W-15	YA240014W-15	YA240015W-15
25' Cable Length	YA24009W-25	YA240010W-25	YA240012W-25	YA240014W-25	YA240015W-25