YAGI ANTENNA 2300 - 2400 MHz

DMS Wireless
a division of DMS International

Rugged Construction with true to specification RF performance

FEATURES						
Industrial Strength Aluminum Construction	**Solid Metal Mounting Bracket**	**Steel U Bolts and SS Hardware**	**Lifetime Warranty Female N Connector**	**PVC Heat Shrink on Connector**	**High Quality LMR400 Cable**	**Waterproof Gamma Match**
				Vertical or Horizontal Polarization	**Photo 900 MHz yagi**	**www.dmswireless.com**
SPECIFICATIONS						
Part Number	**YA23007**	**YA23009**	**YA230011**	**YA230012**	**YA230014**	**YA230016**
Frequency Range	2300 - 2400 MHz	2300 - 2400 MHz	2300 - 2400 MHz	2300 - 2400 MHz	2300 - 2400 MHz	2300 - 2400 MHz
Gain	8	10	12	13	14	15
Front to Back Ratio	15 dB Min	15 dB Min	16 dB Min	16 dB Min	18 dB Min	20 dB Min
Beamwidth	47H 43E	43H 38E	40H 36E	35H 32E	32H 30E	31H 29E
VSWR	1.5:1 Typical	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	50 Ohms
Maximum Power	100 Watts	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	N Type Female
Windload	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph	210 kmp/130 mph
Polarization	Vertical or Horizontal	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	Direct Ground
Structure	5 Elements	7 Elements	9 Elements	12 Elements	14 Elements	16 Elements
Length	11"/ 282 mm	14"/ 346 mm	16"/ 410 mm	20"/ 500 mm	23"/ 570 mm	25"/ 643 mm
Weight	0.7#/ 0.29 kg	0.7#/ 0.31 kg	0.7#/ 0.32 kg	0.8#/ 0.35 kg	0.8#/ 0.37 kg	0.9#/ 0.39 kg
Mast Sizes Compatible	1.0”-2.0” 28-52 mm	1.0”-2.0” 28-52 mm	1.0”-2.0” 28-52 mm	1.0”-2.0” 28-52 mm	1.0”-2.0” 28-52 mm	1.0”-2.0” 28-52 mm
Double U Bolt Mounting	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware	S/S Hardware
Standard Cable Length	2’/610 mm	2’/610 mm	2’/610 mm	2’/610 mm	2’/610 mm	2’/610 mm