



320 Northpoint Parkway SE  
 Suite B & C  
 Acworth, GA 30102 USA  
 Tel: 770-529-6800  
 Fax: 770-529-6840

Acworth, Georgia 30102 USA

**YAGI DIRECTIONAL ANTENNAS  
 With Radome  
 NLOS None Line of Sight**

**Wireless broadband yagi antennas  
 for backhaul, access,  
 and subscriber applications**

**5200 - 5400 MHZ**

**YA5214R**

**YA5215R**

**YA5217R**

**Electrical Data**

Gain (dBi)	14	15	17.5
Front-Back Ratio (dBc)	18 dB Min	20 dB Min	21 dB Min
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less
Beamwidth	32H 30E	31H 29E	27H 26E
Rated Wind Velocity	200 km/h	200 km/h	200 km/h
Maximum Power	100W	100W	100W
Polarization	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical
Input Impedance	50 Ohms	50 Ohms	50 Ohms

**Physical Data**

Construction	Aluminum	Aluminum	Aluminum
Connector Interface	Female N	Female N	Female N
Structure	14 Elements	16Elements	20 Elements
Lightning Protection	Direct Ground	Direct Ground	Direct Ground
Length	11"/280 mm	13"/320 mm	18"/450 mm
Weight	1.2#/0.55 kg	1.4#/0.65 kg	1.9#/0.85kg
Fits Mast Size	1.1" - 2.05"	1.1" - 2.05"	1.1" - 2.05"
	28-52mm	28-52mm	28-52mm
Radome	Yes	Yes	Yes
	ABS Plastic	ABS Plastic	ABS Plastic
	UV Protection	UV Protection	UV Protection