



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**

**5725 - 5850 MHZ**

**YA5714R**

**YA5715R**

**YA5717R**

**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<br>or Vertical | Horizontal<br>or Vertical | Horizontal<br>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 |