



## R8213 2.4GHz 13dBi Yagi Antenna

Data Sheet 260401

### Main Features

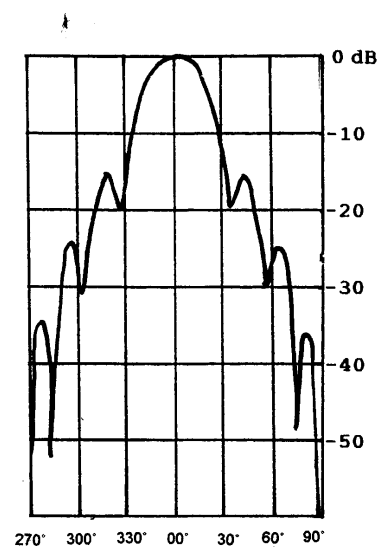
- Radome enclosed yagi antenna
- Ideal for point-to-point or point-to-multipoint service
- Rugged design
- Supplied with flexible coaxial fly-lead to simplify connection
- Easy to assemble
- Includes stainless steel/aluminium mounting hardware for masts up to 60mm
- Designed & manufactured in Australia
- 24-month warranty



### Electrical Specifications

Frequency	2400 – 2450MHz
Minimum gain	13dBi
Vertical beam-width	33°
Horizontal beam-width	28°
Front-to-back ratio	30dB
Cross-polar rejection	20dB
Return loss	15dB
Impedance	50 Ohms
Maximum power	10 Watts
Polarization	Vertical or horizontal

### Vertical Radiation Pattern



### Mechanical Specifications

Standard connector	N-Male (others available on request)
Fly lead length	300mm
Ground plane area	125mm x 125mm
Radome length	300mm
Elevation range	±30°
Azimuth range	360°
Mass	1.5kg
Mast diameter	30mm - 60mm
Operating temperature	-20°C to 70°C
Standards compliance	AS1471, MIL-C81706
Wind load at 100kmph	3kg

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