



# P5819 5.8GHz 19dBi Patch Antenna

Data Sheet 061902

## Main Features

- Low profile and unobtrusive appearance
- Low side and back lobes
- Easy to install
- Minimal depth
- Suitable for indoor and outdoor use
- Supplied with mounting bracket

## Electrical Specifications

|                       |                     |
|-----------------------|---------------------|
| Frequency             | 5725 - 5850MHz      |
| Minimum gain          | 19dBi               |
| Vertical beam-width   | 16°                 |
| Horizontal beam-width | 16°                 |
| VSWR                  | <1.5:1              |
| Front-to-back ratio   | >-25dB              |
| Impedance             | 50 Ohms             |
| Polarisation          | Vertical/Horizontal |
| Maximum Input Power   | 200W                |



## Mechanical Specifications

|                       |               |
|-----------------------|---------------|
| Standard connector    | N-Female      |
| Dimensions            | 267mm x 196mm |
| Depth                 | 41mm          |
| Radome material       | ABS           |
| Lightning protection  | DC grounded   |
| Base plate            | Aluminium     |
| Weight                | 1.0Kg         |
| Operating temperature | -40°C to 60°C |
| Survival wind speed   | 210kmph       |
| Mount                 | Pole or wall  |

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