

# High Gain Panel Directional Antenna for 5.25 - 5.875 GHz

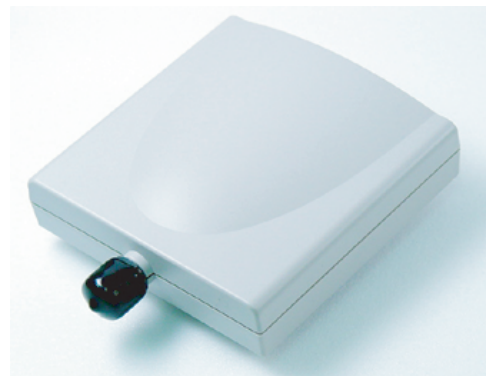
Preliminary

0.3

## ANT58-1800

### Electrical Specification

|                     |                      |
|---------------------|----------------------|
| Frequency range     | 5.25 GHz - 5.875 GHz |
| Gain                | 18 dBi               |
| VSWR                | 1.5 : 1 Max.         |
| Polarization        | Linear, vertical     |
| HPBW / horizontal   | 18°                  |
| HPBW / vertical     | 18°                  |
| Front to back ratio | 30 dB                |
| Downtilt            | 0°                   |
| Power handling      | 10W (cw)             |
| Impedance           | 50                   |
| Connector           | N female             |



### Environmental & Mechanical Characteristics

|                      |                     |
|----------------------|---------------------|
| Survival wind speed  | 216 km/hr           |
| Temperature          | - 40° C to +80° C   |
| Humidity             | 95% @ 25° C         |
| Lightning protection | DC ground           |
| Radome color         | Black               |
| Radome material      | ABS, UV resistant   |
| Weight               | 0.825 kgw           |
| Dimensions           | 215 x 200 x 48.5 mm |

