

# ANT Series

Innovative, High quality, Best price



## ANT-HP5523N

Dual Polarity High Performance Dish  
4.8 - 6.4 GHz, 23 dBi

### Features:

- Wide Band Operation
- Vertically and Horizontally Polarized
- Best Solution for **Noisy** Environments

### Electrical Specification

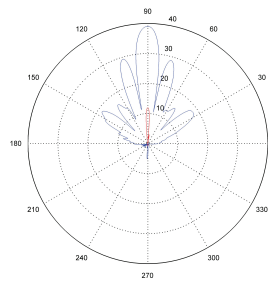
|                         |                           |
|-------------------------|---------------------------|
| Frequency Range:        | 4800 - 6400 MHz           |
| Gain:                   | 23 dBi                    |
| 3dB Beamwidth:          | 9.0°(typ)                 |
| VSWR:                   | 1.4:1(typ)                |
| Impedance:              | 50 Ohms                   |
| Input Power:            | 25 W                      |
| Connector:              | 2 x N-Female              |
| Sidelobes:              | ETSI EN 302.326-3 DN1-DN5 |
| Front to Back Ratio:    | 35 dB                     |
| Cross Polarization:     | 23 dB (max), 30 (typ)     |
| Port to Port Isolation: | 32 dB (max), 45 (typ)     |

### Mechanical Specification

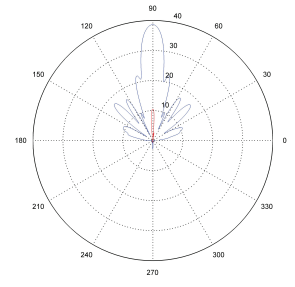
|                          |                               |
|--------------------------|-------------------------------|
| Size/Diameter:           | 370 mm                        |
| Weight(incl. bracket)    | 3.3 Kg                        |
| Wind Loading(Operating): | 160 Km/h                      |
| Wind Loading(Survival):  | 230 Km/h                      |
| Operating Temperature:   | -50°C to 70°C                 |
| Mounting Kit/Style:      | Included: Pole Mount          |
| Pole Diameter:           | 25-60 mm                      |
| Additional Features:     | Accurate Pan & Tilt alignment |



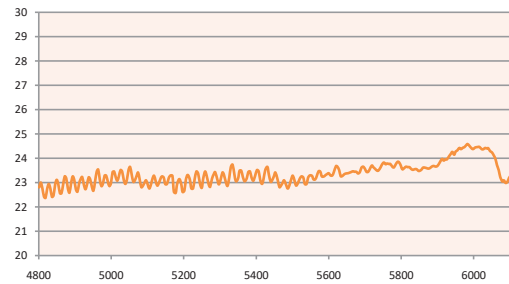
5.5 Ghz E-Plane and H of E-plane



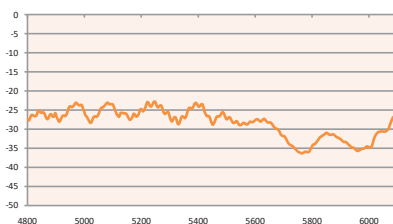
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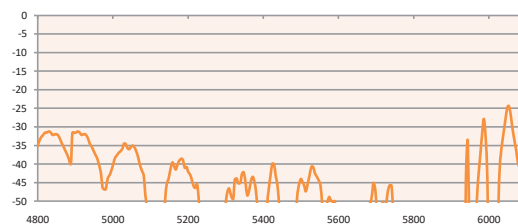
Antenna Gain 4800-6100 MHz



Antenna Cross Polarity 4800-6100 MHz



Antenna Port to Port Isolation 4800-6100 MHz



Antenna VSWR 4800-6100 MHz

