



SmartDisc™ WiFi

SmartDisc WiFi is a low profile dual band WiFi antenna with durable design. The antenna is ground plane independent and enables flexible and easy installation. Ideal for WiFi applications for M2M and rugged vehicle installations.

- 2,4 and 5GHz
- Discreet design with hole or adhesive mount
- Optional mounting brackets available
- IP67 class
- DC short
- Option cable approved acc. to ECE-R118

Specifications

Electrical

| | | |
|--------------|------------------------------|-----------|
| Frequencies | 2400-2690MHz 4900-5900MHz | |
| Impedance | 50Ω | |
| Polarization | Vertical | |
| VSWR | < 1.8:1 | |
| Gain | 2400-2485MHz | Peak 1dBi |
| Free space | 4900-5900MHz | Peak 3dBi |
| Gain | 2400-2485MHz | Peak 6dBi |
| Ø1m GND | 4900-5900MHz | Peak 7dBi |
| Max power | 10W | |

Mechanical

| | | |
|------------------|--|----------------|
| Dimensions (DxH) | 96 x 26mm | |
| Installation | Hole mount with center screw Std screw: Material thickness ≤ 3.5mm Long screw: Material thickness ≤ 23.5mm Hole dimension Ø 19mm Min. installation radius 1000mm Adhesive mount | |
| Cable | RG316 Different cable lengths are available upon request. | |
| Connector | SMA-m Other connector types are available upon request. | |
| Weight | ~190g | |
| Material | PC/PBT/Aluminum alloy | |
| Colour | White Black is available upon request. | |
| IP class | IP67 | |
| Temperature | Storage / Operating | -40°C to +85°C |
| RoHS compliant | Yes | |

Accessories

| | |
|--------|----------------------|
| 707154 | White angled bracket |
| 201411 | Vertical bracket |

Smarteq reserves the right to change specifications without prior notice.



Vertical bracket



Angled bracket



Hole mount



Adhesive mount