SmartDisc™

SmartDisc – the versatile antenna covering your needs

The SmartDisc antenna, a low profile mobile phone antenna designed to meet the industrial demands on high RF performance with multi installation capabilities. It's durable design and low profile makes it ideal to use where a discreet and reliable installation is preferred.

The SmartDisc antenna is a ground plane independent antenna enabling a wide range of installations on different materials, perfect for M2M applications.

- Excellent RF-performance
- 790/868/900/1800/1900/2100/2600
- Low profile and durable design
- Ground plane independent
- Multiple installation principles, hole and adhesive mount
- Ideal for M2M applications such as vending machines, power meters, forest machines and rugged vehicle installations.
- Based upon Smarteq Wireless patented RF technology
- All versions RoHS compliant
Specifications

**Electrical**
- **Frequency**
  - Low Band: 790-960 MHz
  - High Band: 1710-2690 MHz
- **Impedance**
  - Nominal 50 ohm
- **Polarization**
  - Linear vertical
- **VSWR**
  - Low Band: 3:1
  - High Band: 3:1
- **Gain**
  - 1 dBd (3.15 dBi)
- **Max power**
  - 10 W

**Mechanical**
- **Dimension**
  - Circular 90 mm x Height 26 mm
- **Weight**
  - 190 g
- **Cable**
  - 2.5 or 0.5 meter RG 316 (not on all versions)
- **Connector**
  - SMA (m)
- **Material**
  - PC/PBT/Aluminum alloy
- **Color**
  - Black or white
- **Water ingress**
  - According to IP67 when installed

**Environmental**
- **Temperature**
  - Operation: -40°C to +85°C

**Other**
- **DC-short antenna**
- **Available versions**
  - Hole mount
  - Adhesive mount

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**Accessories**
- 707154
  - White bracket to SmartDisc, angled
- 201411
  - Bracket SmartDisc, vertical

Smarteq reserves the right to change specifications without prior notice.