

## NEW LTE antenna from Smarteq – AllDisc-L



- Rugged LTE antenna, 698-960/1710-2690MHz
- Excellent RF-performance
- Low profile and durable design
- Ground plane independent enables easy installation
- Verified according to IP6K9K
- DC shorted

AllDisc, full range LTE 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 discrete and reliable installation is required. AllDisc, LTE antenna is a ground plane independent antenna enabling a wide range of installations on different materials, perfect for M2M applications such as fleet management, track and trace, Smart metering.

### Specifications

#### Electrical

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- Frequency 698-960/1710-2690MHz
  - Impedance Nominal 50 Ohm
  - Polarization Linear vertical
  - VSWR
 

698-790 MHz	≤3,5:1
790-890 MHz	≤2,0:1
824-960MHz	≤2,5:1
1710-1880MHz	≤2,5:1
1900-2170MHz	≤2,0:1
2500-2690MHz	≤2,0:1
  - **Gain excluding cable mounted on Ground plane**

698-960MHz	5dBi
1710-1880MHz	5dBi
1900-2170MHz	4,5dBi
2500-2690MHz	3,5dBi
  - **Gain excluding cable mounted on non-conducting material**

698-960MHz	1dBi
1710-1880MHz	4dBi
1900-2170MHz	4,5dBi
2500-2690MHz	3dBi
  - Max power 10W

## Mechanical

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- Dimension D 130mm, H 55mm
  - Weight Approx. 200g
  - Connector: SMA-Male, other connectors on request
  - Cable RG316, 0,5meter, other cable length on request
  - Color Black, White, Grey (RAL 7035)
  - Temperature Operation -40°C to +85°C
  - Mounting Hole mounted, Tape mounted
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- Smarteq is certified according to ISO TS 16494 and ISO14001
  - *Smarteq reserves the right to change specifications without prior notice*