

# AllDisc Small

## Cellular Antenna

2G/3G/4G/5G + NB-IoT



AllDisc Small is a 5G ready, low profile antenna with durable design. The antenna enables flexible and easy installation. Perfect for M2M applications such as fleet management, track and trace and smart metering.

- Cellular: 698-960MHz, 1710-2690MHz and 3400-3800MHz
- Discreet design with center screw installation
- IP6K9K class and DC short
- Verified according to VW test requirements

## Specifications

### Electrical

Frequencies (2G/3G/4G/5G)	698-960MHz, 1710-2690MHz and 3400-3800MHz	
Impedance	50Ω	
Polarization	Vertical	
VSWR	698-880MHz	≤ 2:1
	880-960MHz	≤ 2.5:1
	1710-2690MHz	≤ 2.5:1
	3400-3800MHz	≤ 2.5:1
Gain, on ground plane (peak gain, excluding cable)	698-880MHz	4.5dBi
	880-960MHz	5dBi
	1710-1880MHz	5dBi
	1920-2170MHz	4.5dBi
	2500-2690MHz	3.5dBi
	3400-3800MHz	7dBi
Max power	10W	

### Mechanical

Dimensions (D x H)	96 x 55mm
Installation	Hole mount with center screw Hole dimension Ø19mm Installation thickness ≤ 8.5mm Min. installation radius 1000mm Has to be mounted on a metal ground plane minimum size Ø25 cm.
Cable	RG316, grey Cable length upon request
Connector	Connector type upon request
Weight	~150g
Material	PC/PBT/Aluminum alloy
Color	Black, White, Grey (RAL7035)
IP class	IP6K9K

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WIRELESS

Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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Temperature	Storage / Operating:	-40°C to +85°C
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**Other**

This part is RoHS compliant.

Part number	Color	Installation type	Cable length (m)	Connector type
710255	Black	Screw	2,5m	SMA(m)

**Important:** Please note that other cable lengths and connector types are available upon request. Please do not hesitate to contact your local Smarteq representative with your specific requirements.

Smarteq reserves the right to change specifications without prior notice