

# AlIDisc S

## Cellular Antenna



AlIDisc S is a 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 and 1710-2690MHz
- Discreet design with center screw installation
- IP6K9K class and DC short
- Verified according to VW test requirements

### Specifications

#### Electrical

Frequencies	698-960MHz / 1710-2690MHz	
Impedance	50Ω	
Polarization	Vertical	
VSWR	698-880MHz	≤ 2:1
	880-960MHz	≤ 2.5:1
	1710-2690MHz	≤ 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
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	
Cable	RG316, grey Cable length upon request	
Connector	Connector type upon request	
Weight	~150g	
Material	PC/PBT/Aluminium alloy	
Color	Black, White, Grey (RAL7035)	
IP class	IP6K9K	
Temperature	Storage / Operating	-40°C to +85°C

#### Other

This part is RoHS compliant.

Smarteq reserves the right to change specifications without prior notice.

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.

smarteq.com info@smarteq.com +46 8 792 92 00

