

AllDisc Sat-Com

Cellular Antenna



AllDisc is a low profile antenna with durable design. The antenna is ground plane independent and enables flexible and easy installation.

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

Specifications

Electrical

Frequencies	698-960MHz	
	1710-2690MHz	
Impedance	50Ω	
Polarization	Vertical	
VSWR	698-790MHz	≤ 3.2:1
	790-880MHz	≤ 2.0:1
	880-960MHz	≤ 2.5:1
	1710-2170MHz	≤ 2.5:1
	2500-2690MHz	≤ 2.0:1
Gain, on ground plane (peak gain, excluding cable)	698-960MHz	4.5dBi
	1710-1880MHz	5dBi
	1920-2170MHz	4.5dBi
	2500-2690MHz	3.5dBi
Gain, on non-conducting material (peak gain, excluding cable)	698-880MHz	1dBi
	880-960MHz	1.5dBi
	1710-1880MHz	4dBi
	1920-2170MHz	3dBi
	2500-2690MHz	3dBi
Max power	10W	

Mechanical

Dimensions (D x H)	138 x 55mm	
Installation	Hole mount with center screw: Hole dimension Ø19mm Installation thickness ≤ 23.5mm Hole mount with extension nut: Hole dimension Ø22mm Installation thickness 23.5-50mm Min. installation radius 2000mm	
Cable	0.5m, RG316, white	
Connector	SMA(m)	
Weight	~200g	
Material	PC/PBT/Aluminium alloy	
Color	White	
IP class	IP6K9K	
Temperature	Storage	-40°C to +85°C
	Operating	-40°C to +85°C

Other

Cable adaptors included	SMA(f) – CRC-9 SMA(f) – TS-9	
Extension cable included	3m, LL58, white Connectors: SMA(f) and SMA(m)	
Extension nut included		
This part is RoHS compliant.		

Part number

710268

Smarteq reserves the right to change specifications without prior notice.