

SmartDisc™

Cellular antenna

2G/3G/4G + NB IoT



SmartDisc is a low profile antenna with durable design. The antenna is ground plane independent enabling flexible and easy installation. Ideal for M2M applications and vehicle installations.

- 790-960MHz, 1710-2690MHz and NB - IoT
- Discreet design with hole or adhesive mount
- IP67 class
- DC short
- Designed in Sweden with Patented technology

Specifications

Electrical

Frequencies	790-960MHz 1710-2690MHz	
Impedance	50Ω	
Polarization	Vertical	
VSWR	3:1	
Gain	790-960MHz	2.15dBi
	1710-2690MHz	3.15dBi
Max power	10W	

Mechanical

Dimensions (D x H)	96 x 26mm	
Installation	Hole mount with center screw Std screw: Material thickness ≤ 3.5mm Long screw: Material thickness ≤ 23.5mm Hole dimension Ø 19mm Min. installation radius 1000mm Adhesive mount Installation type is defined by part number acc. to below.	
Cable	RG316, brown Cable length is defined by part number acc. to below.	
Connector	Connector type is defined by part number acc. to below.	
Weight	~190g	
Material	PC/PBT/Aluminum alloy	
Color	Black or White Color is defined by part number acc. to below.	
IP class	IP67	
Temperature	Storage	-40°C to +85°C
	Operating	-40°C to +85°C

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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Other

This part is RoHS compliant.



Hole mount



Adhesive mount

Part number	Color	Installation type	Cable length (m)	Connector type
710213	Black	Std screw	0,5	SMA(m)
710214	White	Std screw	0,5	SMA(m)
710215	Black	Adhesive tape	0,5	SMA(m)
710218	White	Adhesive tape	0,5	SMA(m)
710211 / 707201	Black	Std screw	2,5	SMA(m)
710212	White	Std screw	2,5	SMA(m)
710221	Black	Adhesive tape	2,5	SMA(m)
710219	White	Adhesive tape	2,5	SMA(m)
710237	Black	Std screw	5,0	SMA(m)
710216	Black	Std screw	2,5	FME(f)
710232	Black	Long screw	2,5	SMA(m)
710279	White	Std screw	0,5	N-type (f)
710425	White	Long screw	2,5	SMA (m)
710201	Black	Std screw	1,0	Fakra (f)

Other cable lengths and connectors are available upon request.

Accessories

707154 White angled bracket

201411 Vertical bracket

Smarteq reserves the right to change specifications without prior notice.



Vertical bracket



Angled bracket