SmartDisc™

Cellular antenna



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

- 790-960MHz and 1710-2690MHz
- Discreet design with hole or adhesive mount
- IP67 class
- DC short

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/Aluminium 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™ antennas

Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments M2M, automotive, and mobile communications (of voice and data).

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

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Hole mount



Adhesive mount

Other

This part is RoHS compliant.

Part number	Colour	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)

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

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