

SmartDisc Combi

Combination Antenna

SmartDisc Combi is versatile, low profile antenna with durable design. The antenna is ground plane independent enabling flexible and easy installation



- Cellular: 790-960MHz and 1710-2690MHz
GPS: 1575.42MHz
- Discreet design with center screw installation
- IP67 class
- Cable approved acc ECE-R118
- Designed in Sweden with Patented technology

Specifications

Electrical

Frequencies	Cellular	790-960MHz / 1710-2690MHz
	GPS	1575.42MHz
Impedance	50Ω	
Polarization	Cellular	Vertical
	GPS	RHCP
VSWR	Cellular	3:1
	GPS	1.5:1
Gain	790-960MHz	2.15dBi
	1710-2690MHz	3.15dBi
	GPS Passive	5dBic @ zenith
	GPS Active	27dB
Max power	10W	
Supply voltage	3.3-5V	

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 Ø19mm
	Min. installation radius 1000mm
	Installation type is defined by part number acc. to below.
Cable	Cable length and type 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



Optional bracket

Colour	Black or white
IP class	IP67
Temperature	Operating/Storage -40°C to +85°C

Other

This part is RoHS compliant.

Certified according to 2014/53/EU Radio Equipment Directive (RED)

Part number	Colour	Inst. type	Cable length and type		Connector type	
			Cellular	GPS	Cellular	GPS
710027	Black	Long screw	0.2m RG316	0.3m RG316	FME(m)	SMA(m)
710080	Black	Std screw	2.5m RG316	2.5m RG316	FME(f)	SMA(m)
710112	Black	Std screw	3.5m LL58	3.5m RG316	Fakra(f)	Fakra(f)
710148	Black	Std screw	0.25m RG316 LSOH	0.25m RG316 LSOH	mmcx(m) angle	mcx(m) angle
710149	Black	Std screw	0.25m RG316	0.25m RG316	mmcx(m) angle	mcx(m) angle
710161	Black	Std screw	3.0m RG316	3.0m RG316	SMA(m)	SMA(m)
710202	Black	Std screw	0.5m LL58	0.5m RG316	Fakra(f)	Fakra(f)
SDB-02-04-01-07S	Black	Std screw	0.2m RG316	0.3m RG316	FME(m)	SMA(m)
SDB-08-04-21-01S	Black	Std screw	0.8m RG316	0.9m RG316	SMA(m)	BNC(m)
SDW-02-04-01-07S	White	Std screw	0.2m RG316	0.3m RG316	FME(m)	SMA(m)

Accessories

707154	White angled bracket
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Smarteq reserves the right to change specifications without prior notice.