

# 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 1710-2690MHzGPS: 1575.42MHz
- Discreet design with center screw installation
- IP67 class
- Cable approved acc ECE-R118
- Designed in Sweden with Patented technology

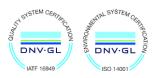
### **Specifications**

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		
	<b>GPS</b> 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 o	Connector type is defined by part number acc. to below.		
Weight	~190g	~190g		
Material	PC/PBT/Aluminium alloy			



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 vehicles.









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)

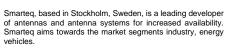
Part			Cable length and type		Connector type	
number	Colour	Inst. type	Cellular	GPS	Cellular	GPS
710027	Black	Long screw	0.2m RG316	0.3m RG316	FME(m)	SMA(m)
710080	Black	Std screw	2.5m RG316	2.5m RG316	FME(f)	SMA(m)
710112	Black	Std screw	3.5m LL58	3.5m RG316	Fakra(f)	Fakra(f)
710148	Black	Std screw	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

Smarteq reserves the right to change specifications without prior notice.









DNV·GL