

# SmartDisc Combi GNSS

## 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  
GNSS : 1575-1610MHz (GPS: L1, Galileo: E1, Glonass: L1)
- 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
	GNSS	1575-1610MHz (GPS: L1, Galileo: E1, Glonass: L1)
Impedance	50Ω	
Polarization	Cellular	Vertical
	GNSS	RHCP
VSWR	Cellular	3:1
	GNSS	2:1
Gain	790-960MHz	2.15dBi
	1710-2690MHz	3.15dBi
	GNSS Passive	3,5dBic @ zenith,fc
	GNSS Active	27dB
Max power	10W	
Supply voltage	2,8-5,5V	
Current consumption	15-25mA	
Noice figure	<=1,5 dB	





Optional bracket

**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 <small>(Installation type is defined by part number acc. to below.)</small>
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
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	GNSS	Cellular	GNSS
710480	Black	Long screw	0.2m RG316	0.3m RG316	FME(m)	SMA(m)

Please note: Other configurations than the above version are available on request.

**Accessories**

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