

SmartDisc Combi

A Multifunction Antenna

- Mobilephone/GPS/Glonass

SmartDisc Combi – the versatile antenna covering your needs

The SmartDisc Combi, a low profile antenna designed to meet the industrial demands on high RF performance with multi installation capabilities. It's durable design and low profile makes it ideal to use where a discreet and reliable installation is preferred.

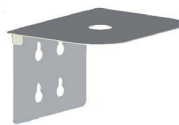
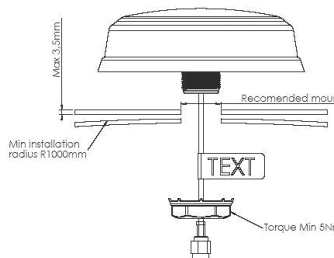
The SmartDisc Combi is a ground plane independent antenna enabling a wide range of installations on different materials, perfect for mobile M2M and e-Call applications.



- ☒ **Flexible multifunction antenna**
- ☒ **Mobile: 868/900/1800/1900/3G/4G
GPS: 1575,42 MHz / Glonass: L1 1598,0625-1609,3125MHz**
- ☒ **Excellent RF performance**
- ☒ **Low profile and very durable design**
- ☒ **Verified according to IP67**
- ☒ **Ground plane independent enables easy installation**
- ☒ **Center screw installation, including different optional mounting brackets**
- ☒ **Based upon Smarteq Wireless patented RF technology**
- ☒ **All versions RoHS compliant**

SMARTEQ™
■■■■■ antennas

www.smarteq.com



Bracket, angled



Bracket, vertical

550 091 B

Smarteq develops and supplies high-quality antennas and antenna systems for the wireless transfer of speech and data, communication to and from vehicles and machine to machine. Our staff is fully focused on developing high-performance antennas that will continue to set new standards of excellence that will exceed our customers' expectations.

Specifications

Electrical

Frequency	Mobilephone: 868-960/1710-2690 MHz GPS: 1575,42 MHz	Glonnass: 1598,0625-1609,3125 MHz
Impedance	Nominal 50 ohm	
Polarization	Linear vertical	
VSWR	Low Band 3:1 High Band 3:1	
Gain	Mobilephone: GPS/Glonass:	1dBd (3,15 dBi) passive: 5/3,5 dBic active: 27dB
Supply voltage	3-5 V	
Max power	10 W	

Mechanical

Dimension	Circular 90 mm x Height 26 mm	
Weight	190 g	
Installation	Center screw mount: Max material thickness 3,5 mm Installation hole diameter 18,5-20 mm	
Cable	Type: RG316 Length Mobilephone: 200 mm Length GPS/Glonass: 300 mm Other lengths available upon request	
Connector	Mobilephone: FME(m) GPS/Glonass: SMA(m) Other connectors available upon request	
Material	PC/PBT/Aluminum alloy	
Color	Black or white	
Water ingress	According to IP67 when installed	

Environmental

Temperature	Operation -40°C to +85°C
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Product No.

SDGB-02-04-C1-D1S	200/300 mm
SDGB-25-04-C1-D1S	2,5 m

Accessories

707154	White bracket to SmartDisc, angled
201411	Bracket vertical

Smarteq reserves the right to change specifications without prior notice.

SMARTEQ™
antennas

Smarteq Wireless AB

Sweden

www.smarteq.com



Smarteq is certified according to
ISO/TS 16949, ISO 14001