

GigaGlass™



GigaGlass – a nice designed, easy installed glass mount antenna

GigaGlass has been developed to move radiation outside the car, thus protecting sensitive electronic equipment inside the car. The antenna provides uniform omni directional radiation and consequently better coverage. GigaGlass offers superior call quality and stable connection to the base station.

GigaGlass is easy to install on windscreens thanks to its self-adhesive attachment, the inner part of which can be turned in any direction. This also makes installation flexible, regardless of where the antenna is positioned. The antenna base is equipped with an FME male connector.

- Designed for mounting on glass
- Operates in system GSM900/1800
- Available with 0 dBd or 3 dBd/0 dBd radiator
- Aerodynamically designed to eliminate wind noise
- Fitted with an FME (male) connector in the base to give the user flexibility to choose type and length of the cable

Electrical and Mechanical data for GigaGlass glass mount antenna



Electrical

■ Frequency	890-960/1710-1880 MHz		
■ Impedance	Nominal 50 Ω		
■ Polarization	Linear vertical		
■ VSWR	Product No:	GDD1818 2:1@BW 8%	GDD1814 3:1 (low band)@BW 8% 2.5:1 (high band)@BW 8%
■ Gain	Product No:	GDD1818 0 dBd	GDD1814 3 dBd (low band) 0 dBd (high band)
■ Max Power	10 W		

Mechanical

■ Dimension	External module:	45 x 45 x 15 (LxWxH) mm
	Internal module:	45 x 45 x 15 (LxWxH) mm
	Radiator length 0 dBd:	approx. 100 mm
	Radiator length 3 dBd:	approx. 355 mm
■ Weight	0 dBd: 50 g	3 dBd: 65 g
■ Material	Internal module:	ABS
	External module:	ABS
	Radiator:	Stainless steel 17/7PH, Chromed brass, ABS
■ Colour	Black	

Environmental

■ Temperature	Storage:	-40°C +80°C
	Operating:	-25°C +70°C

Other

■ Cable	Not included
■ Connector	FME (male)
■ ISO9001 Certified	

Smarteq reserves the right to change specifications without prior notice.

Smarteq's business concept is to use the latest technology to develop products in the field of wireless telecommunications. The business is focused on the development and sale of products for the end market and the OEM market.

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