

# *Model IN-GLASS 918*

*On-Glass Indoor Multi-Band Antenna*



*Installation Manual*

## DESCRIPTION

GSM dual-band indoor antenna conceived for inside on-glass installation. The radiant element (patent pending) is made on PCB in Microstrip technology protected by a thermoplastic material. IN-GLASS 918 is supplied with a 3M VHB adhesive tape for a permanent fitting. It is available the removable version thanks to its 3M adhesive dual lock which allows it to be detached and repositioned.

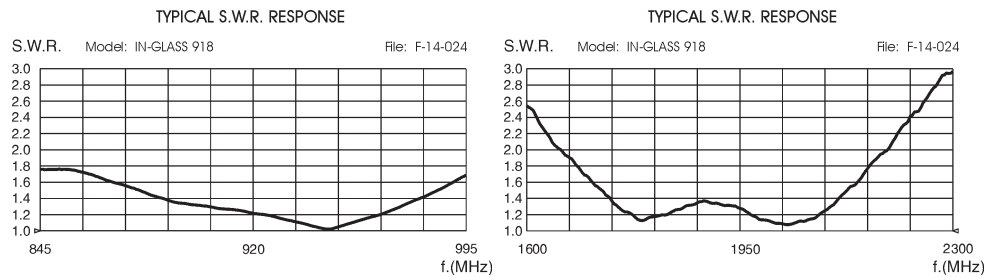
## SPECIFICATIONS

### Electrical Data

Type	: On-glass Indoor Antenna
Frequency Range	: 890-960 MHz (GSM 900) 1710-1880 MHz (GSM 1800) 1850-1990 MHz (DCS 1900) 1920-2170 MHz (UMTS)
Impedance	: 50 $\Omega$ Unbalanced
Radiation	: Omnidirectional
Polarization	: Vertical
Gain	: 0 dBd, 2.14 dBi
V.S.W.R.	: $\leq 2 : 1$
Max Power	: 10 Watts
Connector type	: FME Female or SMA Male
Cable Type / Length	: RG 174 AVU / standard 3 m or on request

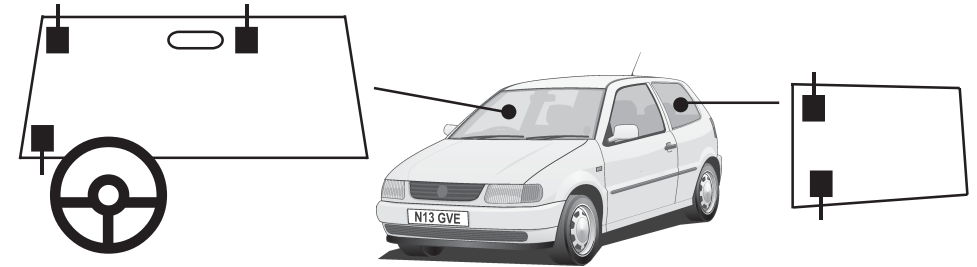
### Mechanical Data

Materials	: PCB, Thermoplastic, Copper
Dimensions (approx.)	: 57 x 77 x 10 mm
Weight (approx.)	: 70 gr
Mounting	: "On-Glass"



## MOUNTING INSTRUCTIONS

- **1:** Choose the best mounting position by following the drawing below.



- **2:** Moreover, we suggest to clean carefully the glass surface and to proceed with the installation at a temperature of 20° C or higher.



- **3:** Remove the protective film avoiding to touch the adhesive tape with your hands. Proceed by sticking the antenna on the window and pressing uniformly on its whole surface to get a perfect adhesion.

