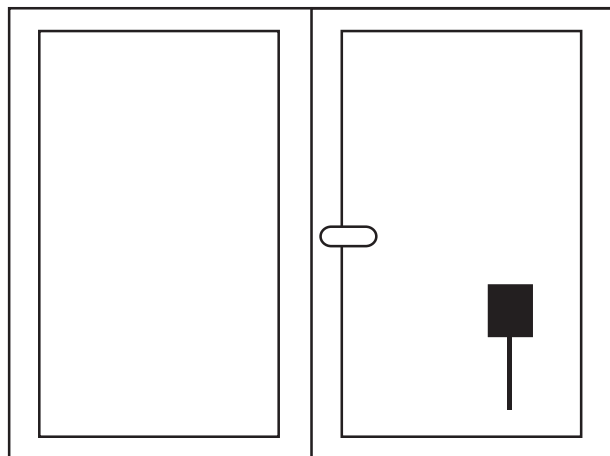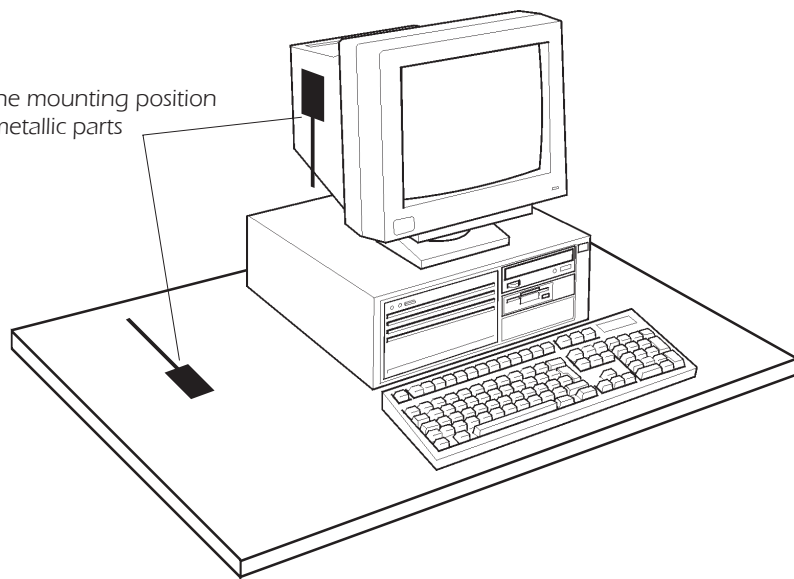## WINDOW HOME INSTALLATION

ALTERNATIVE INSTALLATION

Choose the mounting position far from metallic parts

Model IN-GLASS W-LAN
On-Glass Indoor Antenna

Installation Manual

DESCRIPTION

W-LAN indoor antenna conceived for inside on-glass installation. The radiant element is made on PCB in Microstrip technology protected by a thermoplastic material. IN-GLASS W-LAN 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.
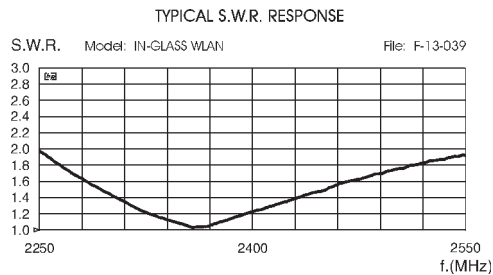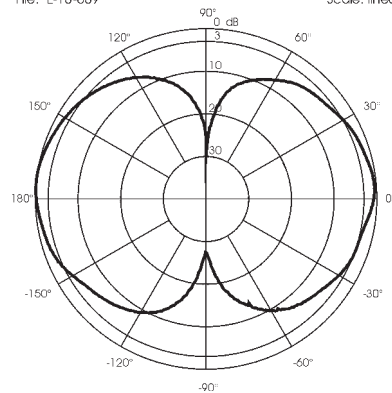
SPECIFICATIONS

Electrical Data

Type	:	On-glass Indoor Antenna
Frequency Range	:	2300-2500 MHz (W-LAN)
Impedance	:	50 Ω Unbalanced
Beamwidth Vertical	:	E-plane 52° at 2.4 GHz
Beamwidth Horizontal	:	H-plane 360° Omnidirectional
Downtilt	:	0°
Polarization	:	Vertical
Gain	:	2.14 dBi
V.S.W.R.	:	≤ 2 : 1
Max Power	:	10 Watts
Connector type	:	SMA Male, other type on request
Cable Type / Length	:	RG 174 A/U / standard 3 m or on request

Mechanical Data

Materials	:	PCB, Thermoplastic, Copper
Dimensions (approx.)	:	57 x 77 x 10 mm
Weight (approx.)	:	70 gr
Operating Temperature	:	-20° C to +80° C
Mounting	:	"On-Glass"

TYPICAL S.W.R. RESPONSE

S.W.R.   Model: IN-GLASS WLAN   File: F-13-039
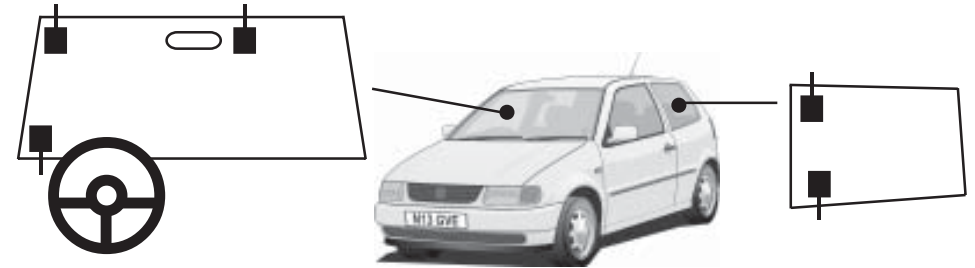

TYPICAL RADIATION PATTERN in E-plane at 2400 MHz
File: E-13-039   Scale: linear

ID301

MOBILE MOUNTING INSTRUCTIONS

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

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

20° Min.

● **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.