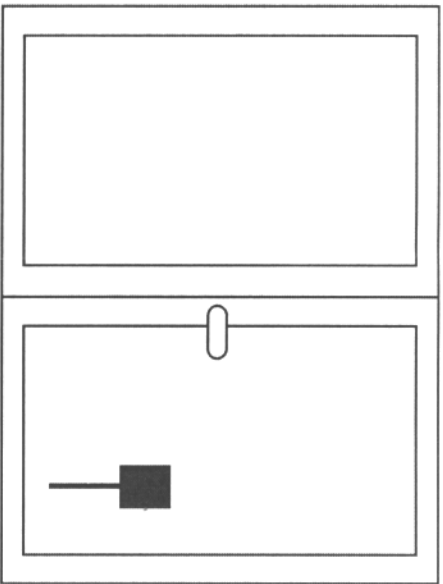
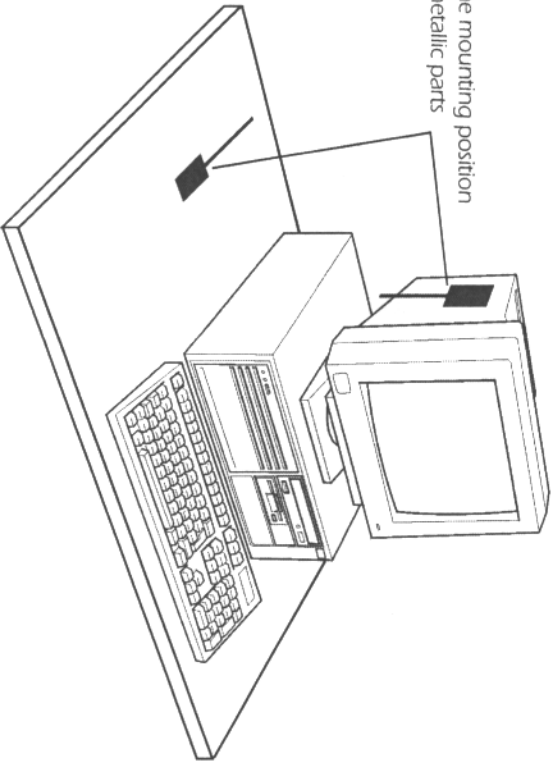


WINDOW/ HOME INSTALLATION

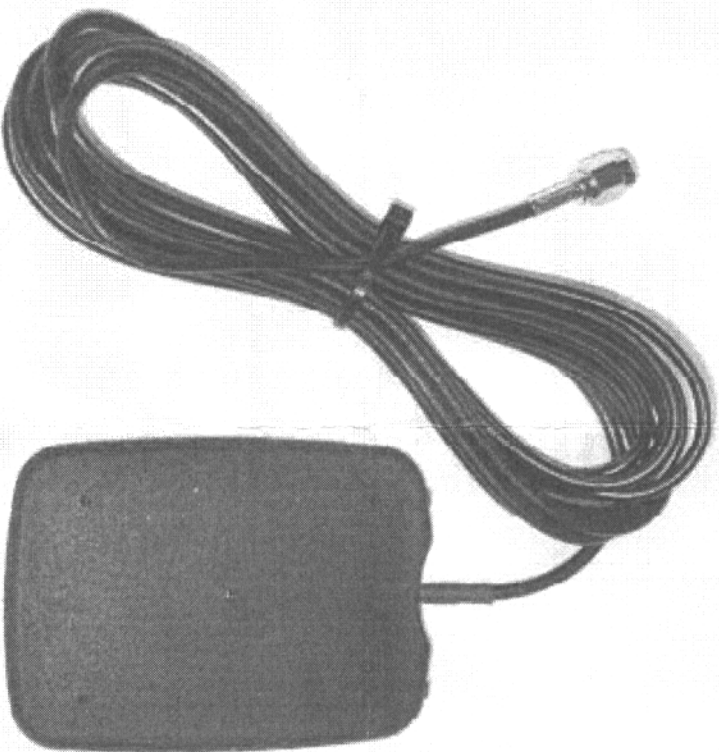


ALTERNATIVE INSTALLATION

Choose the mounting position
far from metallic parts



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



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

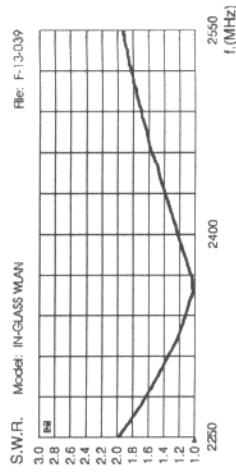
Electrical Data

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
Down tilt	: 0°
Polarization	: Vertical
Gain	: 2.14 dBi
V.S.W.R.	: $\leq 2 : 1$
Max Power	: 10 Watts
Connector type	: SMA Male, other type on request
Cable Type / Length	: RG 174 AVU / standard 3 m or on request

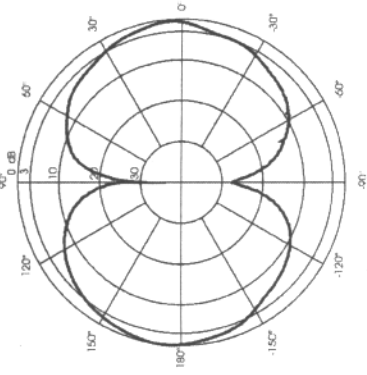
Mechanical Data

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

TYPICAL S.W.R. RESPONSE

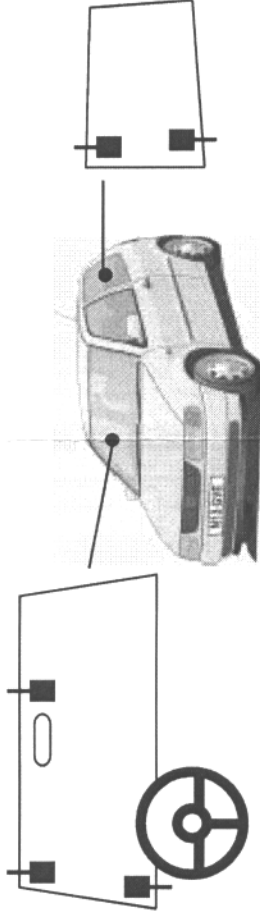


TYPICAL RADIATION PATTERN in E-plane at 2400 MHz
File: E:13-039 Scale: linear

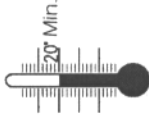


MOBILE MOUNTING INSTRUCTIONS

- 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.

