

# Stripline 1 GHz for Immunity Tests



## INTRODUCTION

This stripline is designed for immunity tests on automotive devices according to ISO 11452-5. The stripline is fixed on a table and is easy to move. The table can be sloped vertically in order to reduce the width. It is also possible to divide very easily the stripline in 2 parts for the storage or during the transport. It is the only stripline on the market able to carry out test up to 1 GHz with excellent return loss. The standard impedance is 50 Ohm.

## SPECIFICATIONS

<b>Frequency range</b>	0 to 1 GHz
<b>Max. input power</b>	1 kW long term
<b>Wave impedance</b>	377 $\Omega$
<b>Impedance</b>	50 $\Omega$ +/- < 5 $\Omega$
<b>VSWR</b>	better than 1.25
<b>Return loss</b>	better than 20 dB
<b>Connector type</b>	N 50 $\Omega$
<b>Field homogeneity</b>	approx. 2 x 0.37 x 0.05 m (L x W x H)
<b>Height of the plate</b>	15 cm over ground plane
<b>Height of the table</b>	90 cm
<b>Size (L x W x H)</b>	430 x 150 x 105 cm (service position) 2 * 215 x 85 x 165 cm (storage)
<b>Weight</b>	approx. 140 kg

The following options are available:     - 90  $\Omega$  version  
    - filter box.