



Open Asymmetric 90 Ω Stripline

D1590/D1590-A

- ISO 11452-5
- CISPR 25

Features

- > Stripline immunity testing according to ISO 11452-5 and CISPR 25.
- > Frequency ranges from DC to 1 GHz

Introduction

The D1590 and D1590-A Open Asymmetric 90 Ω Stripline is designed for vehicle component immunity testing and complies with the requirements of ISO 11452-5. They are used for stripline method radiated immunity testing and is also compatible with CISPR 25 requirements for radiated disturbance measurements.

Within the frequency range of DC ~ 1 GHz, the typical voltage standing wave ratio (VSWR) is 1.8, with a Max. VSWR of less than 2.5. It can generate an electromagnetic field strength of up to 500 V/m.

Application Areas



Technical Parameters

D1590 Technical Parameters	
Frequency	0 ~ 1 GHz
Max. Input Power	>200 W cont.
Wave Impedance	377 Ω
Impedance	90 Ω
Typical VSWR	< 1.92
Return Loss	>10 dB up to 1 GHz
Connector Type	N (75 Ω)
Stripline Height	150 mm above the ground plane
Table Height	950 mm
Stripline Dimension	300 (W)*150 (H)*2,990(L)mm
Overall Dimension	900 (W)*1,120(H)*3,500(L)mm
D1590-A Technical Parameters	
Frequency	0 ~ 1 GHz
Max. Input Power	>200 W cont.
Wave Impedance	377 Ω
Impedance	90 Ω
Typical VSWR	< 1.92
Return Loss	>10 dB up to 1 GHz
Connector Type	N (75 Ω)
Stripline Height	150 mm above the ground plane
Table Height	900 mm
Stripline Dimension	280 (W)*150 (H)*2,990(L)mm
Overall Dimension	900 (W)*1,085(H)*3,500(L)mm

Standard Accessories

User Manual

SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

E-mail: globalsales@3ctest.cn

Service: service@3ctest.cn

Tel: +86 - 512 - 68077192

Web: www.3ctest.com



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