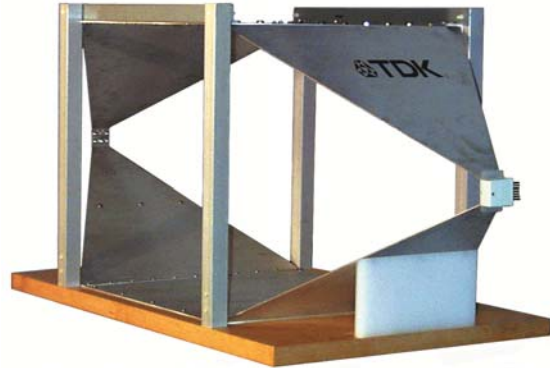


STL-02 80cm Stripline

Product Overview

The TDK STL-02 Stripline is designed to produce high electric fields over a controlled bandwidth. It is used to perform EMC measurements according to automotive standards in order to test the immunity of electrical and electronic equipment to radiated electromagnetic fields.

The STL-02 uses a single sided tapered feed design into a matched transmission line with a tapered termination.



The TDK STL-02 Stripline is engineered to produce high electric fields used in immunity testing for electrical and electronic equipment.

Features

- Excellent TEM mode behavior
- Extended use for multi-mode testing
- Good longitudinal uniformity

Applications

- Broadcast receiver testing
- Automotive testing
- EMC testing

STL-02 80cm Stripline

Electrical Specifications

| | |
|----------------------|--------------------------------------------------------------------------------|
| Frequency Range: | TEM mode: DC - 220 MHz Multi-mode: 220 - 1000 MHz |
| VSWR: | <2.0:1 average for TEM mode |
| Polarization: | TEM mode: Linear, vertical Multi-mode: Linear, vertical & horizontal |
| Power Handling: | 100 watts |
| Feedpoint Impedance: | STL-02: 50 ohm Balun: 50 ohm to 150 ohms |
| Support Table: | All striplines are mounted on a mobile support table for easy mobility |

Ordering Information

| | |
|---------------|----------------|
| Product: | 80cm Stripline |
| Model Number: | STL-02 |
| Warranty: | 1 year |

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

TDK RF Solutions Inc.

1101 Cypress Creek Rd.
Cedar Park, Texas 78613 USA
Phone: 1-512-258-9478
Fax: 1-512-258-0740
E-mail: info@tdkrf.com
World Wide Web: www.tdkrfsolutions.com

Mechanical Specifications

| | |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Size (max.): | 2.8 m x .9 m x .8 m without table (110" L x 35" W x 32" H) 2.8 m x .9 m x 1.6 m with table (110" L x 35" W x 63" H) |
| Weight: | 20 kg w/o table (44 lbs.) 45 kg with table (99 lbs.) |
| Finish: | Brushed aluminum |
| RF Connector: | N type (female) |

TOTAL RF EXPERTISE™



www.tdkrfsolutions.com

To learn more about TDK's wide range of innovative test products, solutions and services visit www.tdkrfsolutions.com

Copyright © TDK RF Solutions Inc. All rights reserved. Specifications subject to change without notice.

Rev. 2011-08-02