

STL-01 15cm Stripline

Product Overview

Versatility The TDK STL-01 Stripline is designed to produce high electric fields over a controlled bandwidth. It is used to perform EMC measurements according to automotive test standards in order to test the immunity to radiated electromagnetic fields of electrical and electronic equipment. The stripline is available in a 50 ohm version (customer supplies termination) to meet your test requirements.

The STL-01 is designed to be dismantled and stored in its own shipping container. This saves lab space and also keeps the stripline from dust and damage when not in use. The stripline is made of three pieces and has foldable legs for the base. The three pieces can be separated easily by hand. No tools are needed.

Applications

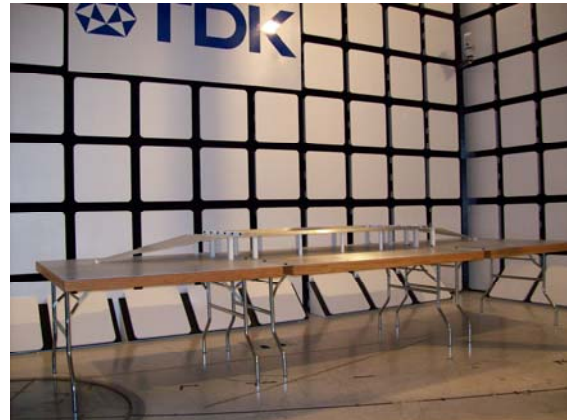
- Automotive testing
- EMC testing



Stripline packed in shipping container:

Crate size : 68" X 55" X 42"

Weight: 220lbs (680Lbs with crate)



The TDK STL-01 Stripline fully assembled in chamber.

Features

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



Stripline base with legs folded.

STL-01 15cm Stripline

Electrical Characteristics

Frequency Range:

| | |
|-------------|-----------------------------|
| TEM mode: | 10 kHz - 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: 500 watts

Feedpoint Impedance:

| | |
|----------------|--|
| STL-01: | 50 ohm |
| Support Table: | Stripline is mounted on a mobile support table for easy mobility |

Environmental Specifications

Ambient Temperature Limits:

| | |
|------------|--------------------------|
| Operating: | 0° to +40° C |
| Storage: | -10° to +50° C |
| Humidity: | Up to 95% non-condensing |

Ordering Information

| | |
|---------------|----------------|
| Product: | 15cm Stripline |
| Model Number: | STL-01 |
| Warranty: | 1 year limited |

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

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