

# 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: 220 lbs (680 lbs 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:**

### TDK RF Solutions Inc.

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