**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.

**Features**

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

**Applications**

- Broadcast receiver testing
- Automotive testing
- EMC testing

The TDK STL-02 Stripline is engineered to produce high electric fields used in immunity testing for electrical and electronic equipment.
STL-02 80cm Stripline

**Electrical Specifications**

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<tr>
<th>Specification</th>
<th>Details</th>
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| 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  

**Mechanical Specifications**

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| 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)  

**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.**

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