

# CSD-SMA-2500 Surge Diverter

## SMA Coaxial Cable Power Surge Protection



### Description

The CSD-SMA-2500 Surge Diverter is a low insertion loss for applications up to 2.5GHz. This in-line surge arrester has SMA male and SMA female connectors and fitted 6mm<sup>2</sup> earth cable, that protects the module from the impact of lightning/transients via the antenna port.

The CSD-SMA-2500 is designed to be connected directly to the antenna port allowing simple installation or retrofit.

Used with the CC3, CC10, CC20 SMA male to N-type male coaxial cable kits, allows connection to ELPRO products with SMA female/male antenna connector.

Note: Surge Protection Devices rely on good earthing practices to be effective. This product assumes both a metallic enclosure and good earth connection to the enclosure. If in doubt, apply another earth under the locknut to create a sufficient Earth.

Also note: In applications of high vibration, it is recommended to use CSD-N-6000 Surge Diverter.

Warning: Do not stand near or touch operating equipment during an electrical storm as the CSD-SMA-2500 will not protect personnel.

Specifications	
Parameters	
Frequency	< 2.5GHz
Insertion Loss	<0.2dB
Max RF Power	37W
Clamping Voltage	90Vdc
VSWR	1.20:1
Impedance	50Ohms
Max Discharge Current	40kA (8/20us)
Connectors	SMA Male - SMA Female
General	
Size	41mm x 22mm (1.6" x 0.9")
Housing	Plated Brass
Mounting	In-line between ELPRO product and coaxial cable
Weight	100g (3.5oz)
<b>Note:</b> Specifications subject to change.	

### Ordering

To order, select product code from the table and specify country of application.

Product Code	Description
CSD-SMA-2500	SMA Surge Diverter for use with CC3, CC10, CC20-SMA

### Product Compatibility

The following products are compatible with this accessory. Please refer to product datasheets for compatibility details to suit your application.

Product Code	Description	Data Sheet #
CC3-SMA	Coaxial Cable Kit - 3m (9.8')/10m	7932
CC10-SMA	(32')/20m (65'), N-type to SMA	7947
CC20-SMA		7948
CCTAIL-SMA-F	Coaxial Cable Tail - 600mm (24"), N-type Female to BNC/SMA Male	7951