SC&T

Surge Protector Series

User Manual

Model : SP009T
UTP HD-TVI/AHD/HDCVI/CVBS Video Surge Protector

Introduction

SP009T is a surge protector designed to protect HD-TVI, AHD, HDCVI, CVBS devices from high voltage surges.

Features

- Protects HD-TVI, HDCVI, AHD signals from high voltage surge.
- Built-in terminal blocks.
- Response time less than 1 ns.

Installation View

*To effectively protect your devices, please ensure the ground line connects to the earth.

Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- HD-TVI/HDCVI/AHD Cameras and DVR/Monitors

Caution

Using high quality UTP CAT5/CAT5e/CAT6 cable is recommended; low quality cable may cause signal loss and affect transmission distance and stability.

Specification

ITEM NO.	SP009T
Support	
Compliance	IEC 61000-4-5
Response Time	Less than 1ns
Lightning Protection	2KA (8/20μs)/6KV (8/20μs)
Insertion Loss	0.8dB@42MHz
Max. Discharge Current	15 KA (Max)
Max. Clamping Voltage	25V
Starting Voltage Surge	6V
Ports & Interfaces	
Equipment End	1 x 2-pin Terminal
Cable End	1 x 2-pin Terminal
Ambient Temperature	
Operation	-20 to 55℃
Storage	-20 to 85℃
Humidity	Up to 95%
Physical Characteristics	
Dimensions	79.3 x 25.4 x 25.4mm
Weight	75g

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