SC&T

Surge Protector Series
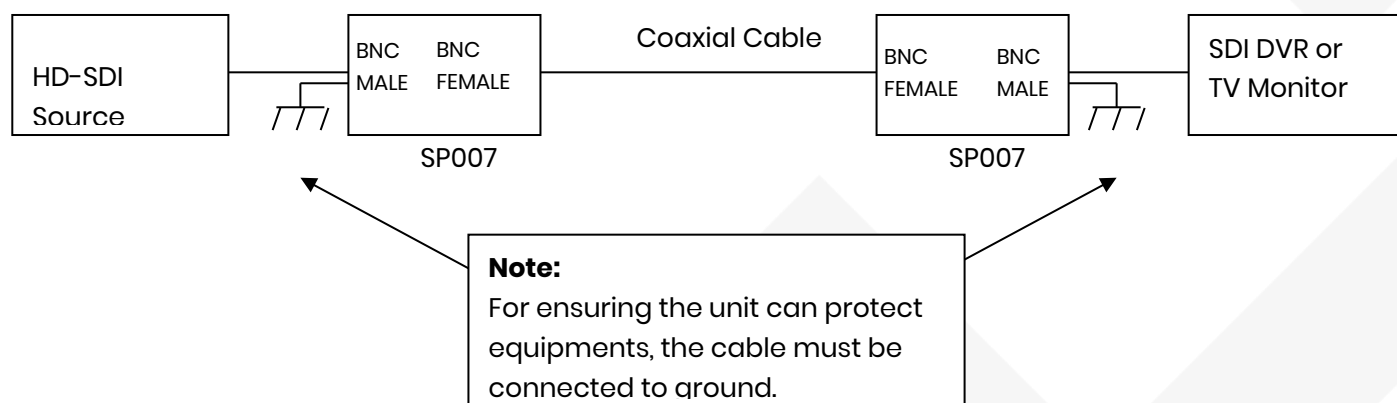
User Manual

Model : SP007

HD-SDI Surge Protector

Introduction

SP007 is a surge protector designed to protect a valuable SDI device from high voltage surge, with video bandwidth up to 2.97G.

Features

- Supports 3G-SDI, and HD-SDI video formats
- Supports video bandwidth at 270M, 1.5G, 2.97G.
- Response time less than 1 ns.

Installation View

| HD-SDI Source | BNC MALE | BNC FEMALE | Coaxial Cable | BNC FEMALE | BNC MALE | SDI DVR or TV Monitor |

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Note:
For ensuring the unit can protect equipments, the cable must be connected to ground.

Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- HD Cameras and HD DVR/Monitors
- HD-SDI video camera

Cable

Link cable recommend to use high quality 75Ω Coaxial Cable & BNC connector , to use low quality coaxial cable may case signal loss and effect transmission distance and reliability.

Specification

ITEM NO.	SP007
Support	
Video Bandwidth	270M to 2.97Gb/s
Insertion Loss	1.1dB@ 2.97Gb/s
Max Clamping Voltage	25V
Response Time	Less than 1ns
Resist Surge	8KV (Max)
Ports & Interfaces	
Equipment End	1 x BNC Male (75Ω)
Cable End	1 x BNC Female (75Ω)
Ambient Temperature	
Operation	-10 to 75℃
Storage	-40 to 90℃
Humidity	Up to 90%
Physical Characteristics	
Dimensions	75.5 x 25.4 x 25.4mm
Weight	70g

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