

**SIEMENS**

# RESIDENTIAL Product

**N E W S**

## TPS COAX Point-of-Entry Protector

### Features and Benefits

- UL listed.
- Rated for CATV, DSS, TV, VCR, and Cable Modem.
- Easy to install.
- Standard F connector.
- Low insertion loss.
- Guaranteed lightning protection.
- Automatic recovery.
- 1-Year product warranty.

TPS COAX shields coaxial connected electronics in residential and light commercial applications against electrical transient damage, including lightning, from entering through the main cable connection.

Rugged Gas Tube technology prevents catastrophic failure.

Includes 1' section of coaxial cable with female to female splice for line side application.



The Siemens warranty covers product defects for one year.

To have complete protection for your equipment, home, or business, it is important to protect AC power lines and all data lines the equipment is connected through.

# Technical Specifications

AC Surge Protection	
Frequency Range	1 mHz thru 1.45 GHz
Catastrophic Surge Circuit	Yes
Spike Capacity	200 Amps
Let Through Voltage	<85V
Overcurrent Protection	Yes
Response Time	1 ns
Insertion Loss	0 db to 3.0 db

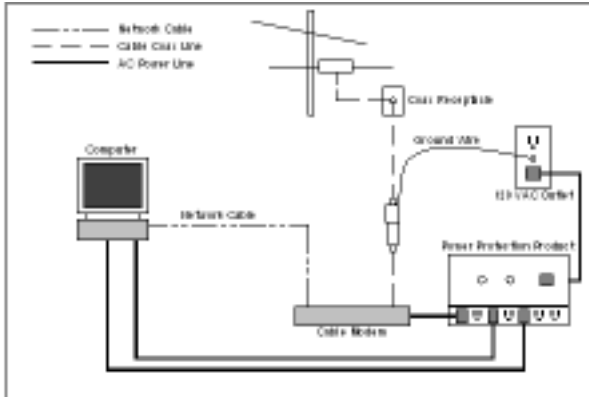


Figure 1. Typical Cable Modem Installation

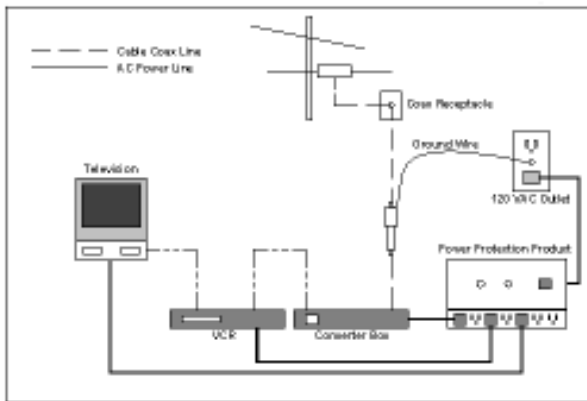


Figure 2. Typical Cable TV Installation

Authorized Distributor:

**Siemens Energy & Automation, Inc.**  
 Residential Products  
 5400 Triangle Parkway  
 Norcross, GA 30092  
[www.sea.siemens.com](http://www.sea.siemens.com)

Siemens is a registered trademark of Siemens AG.

Agency Approvals & Warranty	
UL Listings	497B
Meets ANSI C62.41.1 Requirements	Yes
Lightning Protection	Yes
Product Warranty	1 Year

## Selection Information

### TPS COAX Point-of-Entry Protector

Catalog Number
TPS COAX

## INSTALLATION INSTRUCTIONS:

**NEVER INSTALL TELEPHONE WIRING DURING A LIGHTNING STORM.**

This protector is intended for Indoor use on low-power communication loop circuits that have been isolated from the public switch telephone network. For proper installation in accordance with the NEC Article 800, the communication loop circuit shall not be exposed to accidental contact with electrical or power conductors. Failure to follow these instructions can result in personal injury and/or equipment damage.

DC Voltage Breakdown Rating (100V/s): 86 - 114VDC

1. Secure the lug on the end of the green grounding wire under a screw at the ground point closest to the incoming coax cable line.
2. Use the supplied coax cable extension line to connect one end to input connector of the TPS COAX protector and the other end to the incoming coax cable connector from the cable company or origin point connector of a satellite system.
3. Connect the coax cable line that will extend into the home to the output jack of the TPS COAX protector.

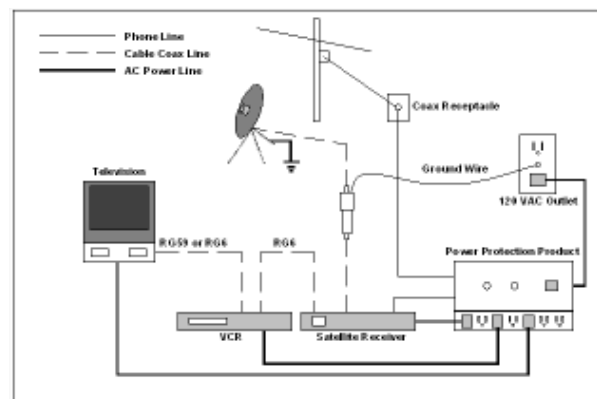


Figure 3. Typical DSS Installation