

**SYSTEM FEATURES**



- Provides protection against harmful surges and transient voltages that damage connected electronics.
- Protect electronics and home theater equipment from surges that enter on cable and satellite lines.
- Fail-safe design
- Compact footprint and weatherproof enclosure allows for installation flexibility
- Reduce receiver and DVR failures.
- High strength and reliability in high exposure areas.
- Allows for two way communications

**PRODUCT SPECIFICATIONS**

**GENERAL SPECIFICATIONS**

**Applications:** CATV and Satellite  
**Design:** Solid State  
**Warranty:** Ten Year Unlimited Free Replacement

**ELECTRICAL SPECIFICATIONS**

**Operating Frequency:**  
 TK-CT2-CLP1-FC: 5MHz to 1.0GHz  
 TK-CT2-CLP2-FS: 900MHz to 3.0GHz

**Max Data Rate:** 100Mbps, High Speed Internet  
**Two Way Communication Compatible:** Yes  
**High Definition Compatible:** Yes  
**Mode of Protection:** All modes: center conductor-ground.  
**Response Time:** < 1 nsec  
**Strength:** 1000 amps per wire  
**Series Resistance:** < 0.1 ohm  
**Insertion Loss:**  
 TK-CT2-CLP1-FC: <0.5db (5MHz to 1.0GHz)  
 TK-CT2-CLP2-FS: <0.5db (900MHz to 3.0GHz)

**MECHANICAL SPECIFICATIONS**

**Dimensions (approx):**  
 TK-CT2-CLP1-FC: 3.25"L x .5"W  
 TK-CT2-CLP2-FS: 2.0"H x 4.0"L x .75"D

**Enclosure Type:** Metal Weatherproof  
**Connection Method:** F Type connection  
**Mounting Method:** All units come standard with an integrated mounting bracket with ground connection.  
**Operating Temperature:** -40° C to 85° C (-40° F to 185° F)  
**Weight:** 0.50 lbs.—0.75 lbs. (0.23 kg—0.34 kg) depending on number of circuits.

**CABLE & SATELLITE CONFIGURATIONS**

Model Number	Number Of Circuits	Applications	MCOV	Description
TK-CT2-CLP1-FC	1 Circuit In/Out	Cable	135V	F Connectors
TK-CT2-CLP2-FS	2 Circuits In/Out, In/Out	Satellite	60V	F Connectors

**DESCRIPTION**

The Total Protections Solutions management team has pioneered the development of power conditioning and protection products for high end electronics for over 20 years. Total Protection Solutions is your one stop shop for all your residential and commercial surge suppression and power filtering needs. The TPS units offer the highest quality cable and satellite protection available. Strategically protect coaxial cables entering the home before being distributed throughout the house. Bonding the coaxial line ground with the electrical system ground will create an equal potential ground eliminating the potential for ground loops. This will allow for the more reliable system with less chance of noise and interference contaminating video and audio signals.

The Cable & Satellite series incorporate the newest solid state technology. Unlike other technologies on the market, the TK-CT2-CLP1-FC and the TK-CT2-CLP2-FS performance will not degrade. You can count on the TPS coaxial units working now and 5000 surges later.

The TK-CT2-CLP1-FC has one IN/OUT F-Type connection to be used on cable TV systems. The TK-CT2-CLP2-FS has two IN/OUT F-Type connections and is used on satellite systems.

