

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: Lifetime Unlimited Free Replacement (ten year unlimited for commercial applications).

ELECTRICAL SPECIFICATIONS

Operating Frequency:

TK-CT2-CABLE: 15MHz to 900MHz

TK-CT2-SAT2: 900MHz to 2.4GHz

(Coming Q1/08 TK-CT2-SAT2: 900MHz to 3.0GHz)

Max Data Rate: 100Mbps

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-CABLE: <0.5db (15MHz to 900MHz)

TK-CT2-SAT2: <0.5db (900MHz to 2.4GHZ)

MECHANICAL SPECIFICATIONS

Dimensions (approx):

TK-CT2-CABLE: 2.0"H x 1.75"W x .75"D

TK-CT2-SAT2: 2.0"H x 4.0"W 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	Description
TK-CT2-CABLE	1 Circuit In/Out	Cable	F Connectors
TK-CT2-SAT2	2 Circuits In/Out, In/Out	Satellite	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 TK-CT2-CABLE and the TK-CT2-SAT2 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-CABLE and the TK-CT2-SAT2 performance will not degrade. You can count on the TK-CT2-CABLE and the TK-CT2-SAT2 working now and 5000 surges later.

The TK-CT2-CABLE has one IN/OUT F-Type connection to be used on cable TV systems. The TK-CT2-SAT2 has two IN/OUT F-Type connections and is used on satellite systems.

Related products:

TK-TTLP-1S240-FL panel mount unit to protect breaker panels by providing surge suppression and power filtering to the whole house.

TK-CT2-190TLP4-RJ-T1/E1 for one to four pairs of phone lines.

