

# M-Ti CLT Series

## Coaxial Line Surge Protection Device

The **CLT Series** provides Bidirectional Transient Voltage Surge Suppression for Coaxial Applications. Units provide protection against Transient Voltages that exceed nominal operating voltages. Devices can protect against surge current impulses up to 20kA/wire.

Models are available to protect **CATV, SATV, CCTV, Digital Modems, Ethernet ThinNet (10 Base 2) and Arcnet**. Consult factory for special applications.

The CLT Series installs in series with the coaxial lines and diverts harmful transient energies away from sensitive system components. Units operate over a wide range of temperatures and interface with standard coaxial protocols. Nominal data range is to 100 Mbps and insertion losses as low as -0.8dB at 2.4 GHz.



### Product Specifications

Max. Surge Current	20kA per wire
Interface	Bi-directional
Response Time	Typically <1 picosecond
Series Resistance	< 0.1 Ohm
Nominal Data Rate	100 Mbps
Enclosure	Plastic
Max. Operating Temp	-40 to +85 C
Warranty	15 Year Product Warranty

### Dimensions & Weight

**Case M:** 3.70" x 1.44" x 2.28"

### Mechanical Specifications

**Mounting:** Series devices suitable for din rail or wall mounting

ETL Listed to UL497A Standard. (Isolated Loop Protector)

Model Number	Application & Voltages	Connector	Case Style	Mounting (Standard)
<b>CLT/</b>	<b>-XXX</b>	<b>-X</b>	<b>-X</b>	<b>-X</b>
Coaxial Line Treater	Replace XXX with:  CTV = 36V Cable TV <b>TVC = 75V TV Cable</b> CCV = 10V Video <b>VCC = 75V Video</b> ENT = 18V 10 Base 2 ARC = 30V Arcnet <b>NTV = 75V Satellite</b>	Replace X with:  1 = F Type 2 = BNC	Replace X with:  M = Din Rail Case	Replace X with:  0 = Din Rail Wall Mount
Note: Shields are protected unless otherwise noted.	<b>NOTE: Bold items are Gas Tube (only).</b>	Consult factory for gender options.		