



Cable In-line Isolator and Surge Protector

Product Specifications

Description

The Multicom Cable In-line Isolator and Surge Protector is an outstanding, high-performance indoor safety isolator with surge protection for CATV installations. This product will add an extra layer of protection to help prevent ground loops and dangerous high voltage spikes and damaging currents on CATV coax.

The surge protection of this in-line isolator offers superior protection for cable modems, set top boxes and other CATV equipment from damage related to power surges and electrical storms.

Features

- Protects subscriber and CATV equipment
- Prevents high-voltage coax ground faults
- Reduces the energy level of spikes and voltage surges providing lightning protection
- Provides ground loop isolation and prevents ground loop hum
- CPE protection from voltage differences due to floating ground
- Excellent RF performance



Item	Technical Parameter
Frequency Range	5 - 1200MHz
Insertion Loss (5 - 1200MHz)	< 1.0 dB
Return Loss (5 - 1200MHz)	> 18dB
RF Shielding (5 - 1200MHz)	Meets or Exceeds IEC Class A
Shield Surge Survival	6 kV/100 KHz Ringwave at subscriber port 6 kV Combo wave 6 kV Unipolar impulse ANSI/IEEE C62.41 at input port
Input Shield to Center Conductor Coupling	3 kV Min.
Leakage Current (Max.) Shield to Shield	8 mA (3000 VAC @ 60Hz)
Connectors	Input (F-Male) to Output (F-Female), 75 Ohm
Size (mm)	45 L x 20 Dia. (1.7" L x 0.8" Dia.)
Material	Copper Body, Nickel Plating, HDPE Insulator, BC Connector Pin
Operating Temperature	-30°C ~ +60°C (-22 ~ 140°F)

MUL-CISP

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