



## Alarm/Sound/Video Products

### CX Series Camera Video Line

The **CX Series** Surge Suppressor is a single Coax Line Protector implementing three-stage hybrid technology. This Protector addresses overvoltage transients with gas tubes and silicon avalanche devices. In addition, sneak and fault currents are mitigated with new solid-state resettable fuses—PTCs.

The **CX Series** is designed specifically for **CCTV, DATA and AUDIO** applications.

#### FEATURES

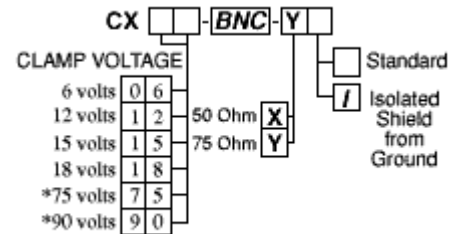
- Sneak/Fault Current Protection
- Low Insertion Loss
- Shielded Case



Use **CX-06-BNCY** for Standard CCTV Applications

Use **CX-06 BNCY-I** For Std. CCTV Camera Protection

#### ORDERING INFORMATION



\*These Models are not UL Listed

#### SPECIFICATIONS

Frequency	0 to 20Mhz
Peak Surge Current (8 x 20µs)	20kA
Technology	Hybrid, Solid State
Attenuation	0.1db @ 10Mhz Typ
Response Time	<1 nanosecond
Protection	Line-to-Ground
Shield-to-Ground	(isolated shield models)
Clamp Voltage	Selectable (see ordering)
Connectors	BNC
Impedance	50 or 75 Ohms
Temperature	-40°C to +85°C
Dimensions (L x W x H)	4.5 in. x 1.5 in. x 1.25 in.
UL Listed	UL 497B

The **CX** and **CCTV** surge suppressors offer effective protection for cameras and security related equipment involving coaxial cable connections. Grounding is an important facet in proper protection. There are many applications where the camera ground reference is different from the head-end equipment ground reference. The standard **CX** series product internally connects the coax shield to the suppressor ground lug. In the case where the ground references are not the same (two different buildings) then the shield should be connected to ground only at the head-end equipment. Ground currents, which could compromise data quality, can result if the shield is connected to ground via the **CX** at the camera end. Therefore, the **CX-I** (isolated shield from ground) option is employed at the camera end. The shield is referenced through a gas tube protector to ground, but is internally isolated to avoid ground currents. If the ground reference at each end of the coax is the same, then the standard **CX** product can be used with success.

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### NEED HELP? Call 1-800-648-4076

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