



Edco™ CX Series

CCTV & Data Applications/Coax

The Edco™ CX06-M & Edco™ CX06-MI Surge Protective Devices (SPDs) implement three-stage hybrid technology. The SPDs address over-voltage transients with a primary Gas Discharge Tube (GDT), and secondary Silicon Avalanche Diode (SAD) components. Over-current protection, e.g. sneak and fault currents, are mitigated with solid-state resettable fuses — PTCs. The Edco™ CX06-M & Edco™ CX06-MI SPDs are designed in accordance with NFPA 780 (2004 edition) requirements, with up to 20 kA of surge current capability. The Edco™ CX06-MI model has an isolated ground and is recommended for use at the camera end.

Features

- Sneak/fault current protection
- Low insertion loss
- Shielded case
- CX06-MI has an isolated ground
- 5 year warranty

General Technical Specifications

Operating Voltage	5 VDC
Clamping Voltage	6 VDC
Operating Current	0.15 A
Peak Surge Current	20 kA (8 x 20 μs)
Frequency Range	0 to 20MHz
Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	GDT, SAD, w/Series PTC

Connection Type	BNC, 50/75 Ohm
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	M = 1.5H x 1W x 3.25L MI = 1.5H x 1W x 4L
Weight	M = 2.3 oz MI = 3 oz
Certifications	UL 497B

Ordering Information

Head End	CX06-M
Camera End	CX06-MI
Camera End	CX06-MI-SBL



Edco™ RM-CX06-16R

Channel Rackmount

The Edco™ RM-CX06-16R Surge Protective Device (SPD) is a 16 channel coax SPD implementing three-stage hybrid technology. The SPD addresses over-voltage transients with a primary Gas Discharge Tube (GDT), and secondary Silicon Avalanche Diode (SAD) components. Over-current protection, e.g., sneak and fault currents, are mitigated with new solid-state resettable fuses — PTCs. The Edco™ RM-CX06-16R SPD is designed in accordance with NFPA 780 (2004 edition) requirements, with up to 20 kA of surge current capability.

Features

- Sneak/fault current protection
- Low insertion loss
- Shielded case
- 16 channel
- 1 year warranty

General Technical Specifications

Operating Voltage	5 VDC
Clamping Voltage	6 VDC
Operating Current	0.15 A
Peak Surge Current	20 kA (8 x 20 μs)

Frequency Range	0 to 100 MHz
Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	GDT, SAD, w/Series PTC
Connection Type	BNC, 50/75 Ohm

Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.75H x 19W x 2.0D (1U)
Weight	3.2 lbs
Certifications	UL 497B