



Edco RM-CAT6-16R CAT6-16R Channel Rackmount

The Edco RM-CAT6-16R is a 16-channel high-speed data line protector that utilizes a three-stage hybrid design technology. This unit addresses high-energy voltage transients that can damage expensive computer equipment. Ideal for network switches and hubs, the Edco RM-CAT6-16R is easily mounted in close proximity to the protected equipment.

Features

- Exceeds category 6 transmission values
- Compact 1U rack size
- Low insertion loss
- Three-stage hybrid
- 1 year warranty

General Technical Specifications

Operating Voltage	5 V	VSWR	<1.2
Clamping Voltage	8.2 V	Operating Humidity	0-95% Non-Condensing
Frequency Range	0-250 MHz	Operating Temperature	-40°C to +85°C
Operating Current	0.15 A	Input Connection Type	RJ-45
SPD Technology	2-Port Series	Output Connection Type	RJ-45
SPD Technology	GDT, SAD, W/Series PTC	Mounting	Rackmount
Modes of Protection	Signal High-Low Signal High-Ground, Signal Low-Ground	Enclosure Type	Painted Steel
Peak Surge Current	10 kA (8 x 20 μs)	Dimensions	1.75Hx19Wx6.3D
Insertion Loss	<0.1 dB	Weight	5.5 lbs.
		Warranty	1 Year



Edco LCDP Data Circuit Protection

The Edco LCDP Series is designed to conveniently protect 8 wire, low voltage data circuits and employs two RJ-45 jacks for easy installation. The Edco LCDP utilizes silicon avalanche (solid-state) suppression technology, and exhibits very low capacitance to accommodate high data rates. This unit supports high-speed data rates of over 100 Mbps.

Features

- <1 nanosecond response time
- Line-to-line protection
- Low capacitance
- RJ-45/4 pair protection (8 wire)
- Silicon avalanche design
- Line to ground protection
- 5 year warranty

General Technical Specifications

Operating Voltage	5, 12, 24, 48, 65 VDC
Clamping Voltage	8, 15, 30, 60, 75 VDC
Operating Current	1.5 A
Peak Surge Current (10 x 1000 μs)	008 = 125 A, 015 = 72 A, 030 = 22 A, 060 = 18 A, POE* = 15 A
Frequency Range	0 to 100 MHz
Insertion Loss	<0.1 dB at 50 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	RJ-45 Jacks
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.0H x 2.5W x 4.25L
Weight	3 oz
Certifications	UL 497B (*except LCDP-POE)

Installation

The user equipment plugs into the LCDP's equipment (protected) side, and the LCDP's line (unprotected) side is connected to the incoming line. All 8 conductors are protected. The green ground wire must be bonded to the protected equipment power ground (third wire, green wire safety ground). Do not add length to the ground wire, for it must be kept as short as possible.

Ordering Information

LCDP-008	8 Volts
LCDP-015	15 Volts
LCDP-030	30 Volts
LCDP-060	60 Volts
LCDP-POE	75 Volts