

**Features**

The DC-Pro offers powerful protection to power, co-axe and data lines of the Dome Cameras in CCTV systems. They handle data rates in excess of 20kbps with insertion losses of less than 0.1db. The device is fitted with BNC connectors for the co-axe line and screw type terminal blocks for the power and data lines.



- Simple installation
- Compact
- Ultra high performance
- Low signal loss

**Compliance**

- IEEE 472 (Ansi C39 - 90a)
- IEC 1312-3 LPZ 1

**Electrical Specifications**

	Co-Axe	Power	Data
<u>Static Conditions at 25°C</u>			
Max continuous voltage			
NP/5V	5V DC	12VDC or	5VDC
NP/24V	24V DC	24VAC	
Max data rate	100 Mbps	-	100kbps
Insertion loss @ approx. 0.5db	10 Mhz	-	-
Insertion loss @ approx. 2db	100 Mhz	-	-
Max series resistance	1 - 5 Ω	10 Ω	-
<u>Transient Conditions at 25°C</u>			
Max voltage withstand (1-2 / 50µs)	>10kV	>6kV	6kV
Max current withstand (8/20µs)	>10kA	>10kV	10kA
Typical clamping voltage @ 10A (10/1000 msec)			
NP/5V	<13V	Line to line 13V (38V)	7.5
NP/24V	<37V	Line to earth 13V (38V)	7.5
<u>Typical Response Time</u>			
Clamping voltage (line/earth)	<2nS	<5nS	<5nS
Protection modes	Common & differential	Common	Common & differential

**Stock Numbers**

- EPT-33-112 : 12V DC - 2 Terminal Data
- EPT-33-124 : 12V DC - 4 Terminal Data
- EPT-33-222 : 24V DC - 2 Terminal Data
- EPT-33-224 : 24V DC - 4 Terminal Data

\* Powerhouse reserves the right to alter its design or technical specifications without prior notice.