

Category 5 Protector



The Circa 100 Base-T/100 Mb is a Category 5 data line surge suppressor incorporating state-of-the-art technology and provides multiple stages of protection for equipment connected to your data lines. Tested to ANSI/IEEE B3 Impulse Standards that exceed normal UL 497B testing standards. The Circa 100 Base-T/100 Mb data line surge suppressor goes far beyond industrial grade surge protection without loading your sensitive data lines. The Circa 100 Base-T/100 Mb data line is self-restoring after each surge within ratings.

SPECIFICATIONS OPERATING

Maximum Operating Voltage.....	12 Volts
Typical Leakage Current	<5u Amps
Maximum Data Rate	120 Mbps
Operation Temperature.....	-40 to +85 C
Connectors	RJ-45 Male Protected RJ-45 Male Protected
Connection Termination	EIA/TIA-568A
Pins Protected.....	Pins 1-8

SPECIFICATIONS ELECTRONIC

Maximum Surge Current (8x20us).....	4000 Amps Total
Maximum Surge voltage (1.2x50us)	6,000 Volts
Capacitance	<25 pF
Clamping Voltage	13 Volts
Clamping Response Time	<5 nanoseconds
Voltage Sensitive	Non-Load Bearing
Pass Voltage Tested to ANSI/IEEE B3	<10 Volts or <19 Volts Peak
Power Dissipation (8x20uS).....	12,000,000 VA

Options: Units are available in other configurations to meet your requirements. Standard units are shipped with 8 inches of Category 5 cable on both connectors. Longer cables are available at additional cost and require factory quotation for price and delivery.