

**VPA-012****SINGLE CHANNEL COAXIAL VIDEO AND DC POWER SURGE PROTECTOR**

The VPA-012 single channel video and power surge protector is designed for CCTV camera protection applications.

**Technical Specifications:****Video Input**

- 1 female BNC connector
- 1 Volt p-p, 75 Ohm

**Power Input**

- 2-way removable screw terminal
- 12Volt DC

**Grounding**

- 300mm of 1.5mm stranded earth cable (requires connection to a good electrical earth)

**Video Protection**

- Maximum operating voltage:  $\pm 5\text{Vdc}$
- Maximum operating current: 0.3A
- Maximum discharge current: 10KA
- Maximum impulse breakdown: 450V (100V/ $\mu\text{s}$ )
- Impulse life (10/1000 $\mu\text{S}$ ): 400 times

**Power Protection**

- Input protection: two 1A fuses (5mmX20mm) PCB mount
- Overvoltage protection: Metal Oxide Varistor (MOV) Clamp at 17volt
- Maximum energy: 3.1 joules (10/1000 $\mu\text{s}$ )

**Mechanical**

- Length (including BNC connectors) - 115mm
- Height - 29mm
- Width - 50mm

**Video Output**

- 1 female BNC connector
- 1 Volt p-p, 75 Ohm

**Power Output**

- 2-way removable screw terminal
- 12Volt DC