

# FL-BNC

## Video Surge Protector

### Features

1. IEC61000-4-5 and ITU-TK20&K21
2. Clamping voltage and low loss against high speed signal
3. Low capacitance. Designed to protect the equipment and coaxial line, connect in series
4. Interface accord with BNC standard



### Introduction

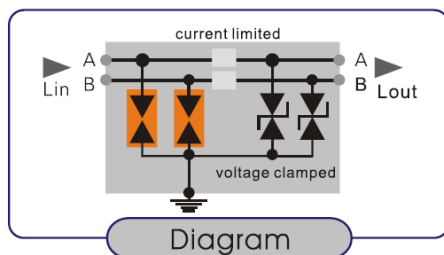
IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, FL-BNC made by the high response surge arresters, the advantage is allowed clamping voltage and low

loss against high speed signal, because it had a low capacitance. Designed to protect the equipment and coaxial line, connect in series. Interface accord with BNC standard.

### Circuit diagram

FL-BNC is designed by the theory of current limited and voltage clamped, discharged to ground. When the signal line exist surge, the FL-BNC is induced and worked ,the lightning energy is discharged to

ground, and the high surge voltage is clamped to low level, so our devices is protected.



### Specification

Coaxial signal: IEC6100-4-5 and ITU-TK20&21  
 Nominal discharge current(In):5 KA (8/20μS)  
 Working voltage: 0-2V  
 Limit voltage: ≤30V  
 Apply Band rate: 10Mbps  
 Connector: BNC  
 Insert consumption: ≤0.5dB  
 Delay time: ≤10ns  
 Working temperature:-20 to 60°C  
 Storage temperature:-25 to 85°C

Humidity: Relative humidity 5% to 95%  
 No power supply needed, No consumption  
 RACK protect: 9,12,16,24 choice  
 L×W×H: 72mm×42mm×25mm  
 Shell: Alnico  
 Color: Blue  
 Weight: 10g

**Warranty: 5 years**

**Approvals: FCC,CE, RoHS approvals**

### Packing List

1. Video Surge Protector FL-BNC × 1
2. User manual × 1

#### Applications

- Usually the FL-BNC is used in protecting the following devices:
1. High-Speed ball
  2. HD VTR, Gathering video clip interface, and so on
  3. Monitor
  4. Satellite TV receiver, VOD(Video-on-Demand), and so on