# 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

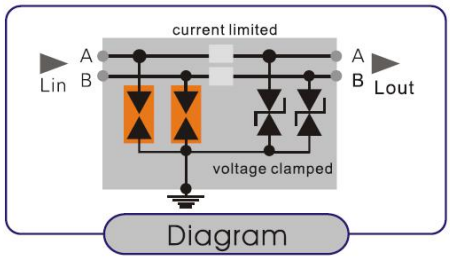



## Introduction

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.







**Dimension**

## 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℃
Storage temperature:-25 to 85℃
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