

IT-FLBNC-SP

Video Surge Protector

INTRODUCTION:

IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, IT-FLBNC-SP 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.

PACKING LIST:

IT-FLBNC-SP is shipped with following items.

1. IT-FLBNC-SP ×1
2. User manual ×1

FEATURES:

1. IEC6 1000-4-5 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

SPECIFICATIONS:

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: $\leq 0.5\text{dB}$

Delay time: $\leq 10\text{ns}$

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

LxWxH: 72mmx42mmx25mm

Shell: Alnico

Color: Blue

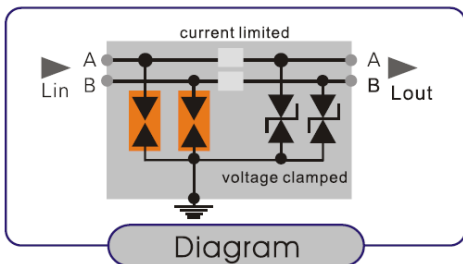
Weight: 10g

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

CIRCUIT DIAGRAM:

IT-FLBNC-SP is designed by the theory of current limited and voltage clamped, discharged to ground. When the signal line exist surge, the IT-FLBNC-SP 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.



APPLICATIONS:

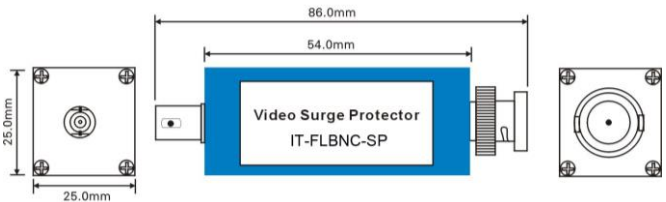
Usually the IT-FLBNC-SP is used in protecting the following devices:

- 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

CAUTIONS AND NOTICES:

1. When installing the IT-FLBNC-SP to the end system, all equipment of en60950-1:2001 must be fulfilled.
2. The IT-FLBNC-SP is connected by series mode, the port of IN is connected to outline, and the port of OUT is connected to the protected device .The IT-FLBNC-SP need connect to GROUND, and keep enough low resistance.
3. No special maintenance needed except for periodic inspection for looseness.
4. If the circuit is open or short, it means The IT-FLBNC-SP has a fault and need to be replaced immediately.

DIMENSION:



CERTIFICATIONS:

