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BYX-BNC

**BYX-BNC Coaxial Signal Lightning Protector**

**Description**

BYX-BNC coaxial signal lightning protector perfect shape dimension, IP standard mode and 35mm DIN rail 35mm installation. Ports direction can be choose by one sides or different sides, easily to install. Product height is IU standard dimension, easily assemble several modules into 19 inches standard cabinet brace and also can adjust lightning connector and voltages to meet different requests, come to freely conveniently combination and installation.

- Discharge current come to 10KA
- Low voltage protection level
- DIN rail 35mm installation
- Two ports and two class surge protection
- Multi-connectors standard module design
- High response speed
- Bidirection connectors (F/M,F/F)
- Super transmission performance, low insert loss
- Information system surge over voltage protector
- Can integrate 1-24 ports combination mode

**Scope of application**

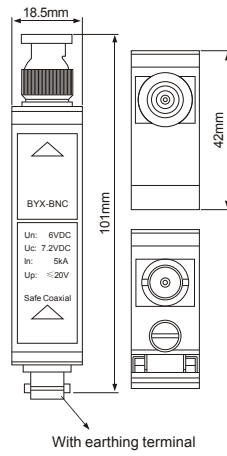
- Protection of public CATV terminal equipment
- Protection of monitoring system video equipment
- Protection of coaxial network signal equipment
- Protection of other signal equipment

**Performance parameters**

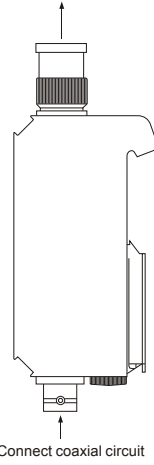
Type	BYX-BNC
Rated operating voltage	6VDC
Max. continuous operating voltage $U_c$	7.2VDC
Insulation resistance	>0.1M $\Omega$
Voltage protection level (1.2/50 $\mu$ s 0.5kV) $U_p$ BNC core wire- BNC shield	$\leq 20V$
Nominal discharge current $I_n(8/20 \mu s)$	5kA, 10 times
Max. discharge current $I_{max}(8/20 \mu s)$	10kA, 2 times
Rated operating current	0.5A
AC withstand capability of resistance	2A, 1s, 5 times
Withstand capability of impulse	1.5kV. 10/700 $\mu$ s ; 37.5A. 10/300 $\mu$ s      10 times
Over load failure mode	Mode 2
Insert loss(10MHz)	$\leq 0.5dB$
Resistance	75 $\Omega$
VSWR	$\leq 1.2$
Serial resistance	1.5 $\Omega$
Connector type	BNC Connector
Response time	$\leq 1ns$
Dimension	See figure
Shell material/ shell protection class	UL94V-0/IP20
Installation mode	35mm DIN rail
Usage condition	Atmospheric pressure: 80kPa~160kPa; Temperature: -40 $^{\circ}C$ ~+70 $^{\circ}C$ ; Relative humid: 5%~96%

**Dimension**

**Different input ports**



**Connect to equipment**



**Same sides**

