

Coaxial Lines

Surge Protective Devices

for Signal & Communication



Introduction

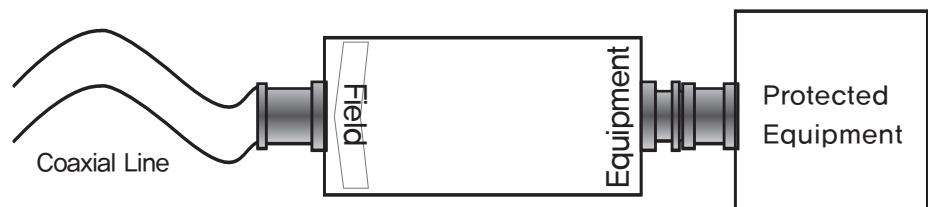
This specification defines the Coaxial Lines SPD. Generally referred to as SPD (Surge Protective Device) means devices intended to prevent or minimize damage to power and communication devices by suppressing surges from the track and ground sides. The SPD for telecommunication is designed to contain the write voltage below the target value for any possible surge in data, signals, voice, broadcasting or telephone lines.

Applications

- Rated System Voltage : DC 25.2V
- Rated System Frequency : DC ~ 2MHz
- Insertion Loss : < 3dB
- Connection Method : Serial Connection Type
- Operating Temperature : -40°C ~ 70°C
- Storage Temperature : -40°C ~ 85°C
- Max. Operating Altitude : 5,000 meters

Features

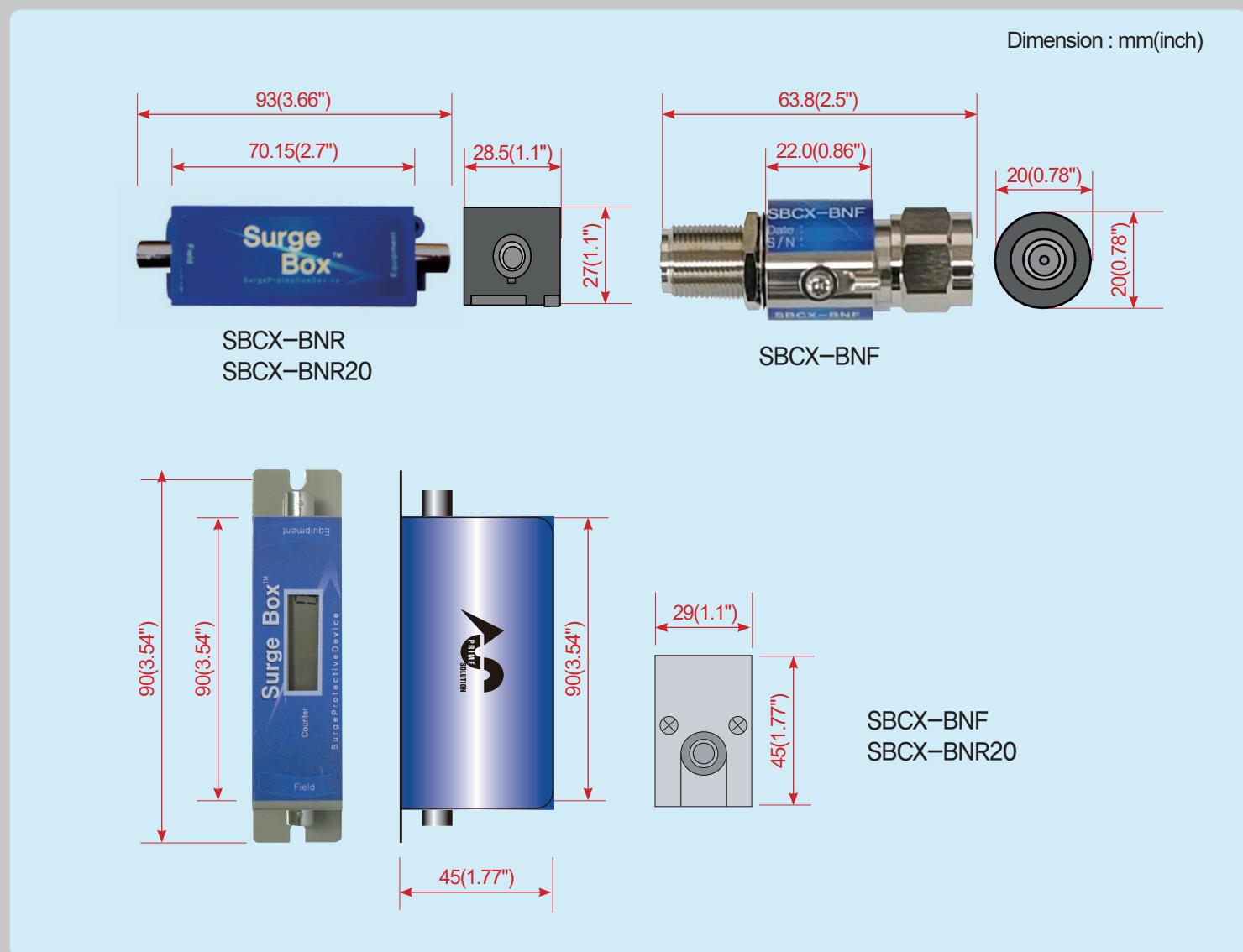
- SBCX-series serial connection between signal input and cable of the instrument
- Connect the earth terminal (⏚) of the instrument enclosure to an external ground
- Check communication status



Specification

Model No.	SBCX-BNR	SBCX-BNR20	SBCX-BNF	SBCX-FR	SBCX-FR20
Counter option	-	-	-	Counter type	
Connection Method	BNC-Type		N-Type	F-Type F/F	
Rated System Voltage	~ 24 Vdc		~ 200 Vdc	~ 24 Vdcz	
Frequency	~ 2.3 GHz		~ 3 GHz	~ 2.3 GHz	
Impulse C1, C2(1.2/50 μ s,8/20 μ s), D1(10/350 μ s)	C2 : 4 kV / 2 kA		C2 : 10 kV / 5 kA D1 : 2.5 kA	C2 : 4kV / 2kA	
Max. Surge Current Capacity	10 kA / Line	20 kA / Line	10kA / Line	10 kA / Line	20 kA / Line
Protection Mode			X – C (Line to Shield)		
MCOV	25.2 Vdc		230 Vdc	25.2 Vdc	
VPR (Vpk)	X – C \leq 700 V		X – C \leq 1000V	X – C \leq 700 V	
Response Time			< 25 nano-seconds		
Insertion Loss			< 0.3 dB		
Product Weight(lb/g)	0.101 lb / 46 g		47.244 lb / 120 g	0.077 lb / 35 g	

Dimension



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