



## DTK-iBNC2.8 Coaxial Line Surge Protector

DITEK's DTK-iBNC2.8 inline surge protector is designed to protect externally mounted cameras where a dedicated ground connection is unavailable. The iBNC2.8 diverts transient surges through the coaxial shielding, protecting the video feed without introducing ground loops. Solid performance and easy installation makes the DTK-iBNC2.8 a favorite among CCTV integrators.



### Product Features

- Protects fixed and PTZ camera analog video feeds
- Small footprint makes installation easy
- Recommended for applications where AC power is already protected and ground is unavailable

### Applications

- Externally Mounted Cameras

### Technical Specifications

<b>Service Voltage:</b>	1V peak-peak
<b>Protection Modes:</b>	Center Pin-Shield
<b>Clamping Voltage:</b>	2.8VDC
<b>Surge Current Rating:</b>	20,000A
<b>Band Pass Range:</b>	0Hz-10MHz
<b>Insertion Loss:</b>	<0.3dB/Channel
<b>Return Loss:</b>	22dB RL @ 10MHz
<b>Impedance:</b>	75 Ohms

### Mechanical Specifications

<b>Connection Method:</b>	BNC (Female) In/Out
<b>Housing:</b>	Aluminum
<b>Operating Temperature:</b>	-40° F - 158° F (-40° C - 70° C)
<b>Dimensions:</b>	3.6"L x 1.1" Diameter (91 mm x 28 mm)
<b>Weight:</b>	2.5 oz (71 g)

### Quality Standards & Approvals

<b>Certifications:</b>	UL497B
<b>Warranty:</b>	10 Year Limited Warranty

### Wiring Diagram

