

# DTK-iBNC2.8

Coaxial Line Surge Protector



DTK-iBNC2.8

**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 or PTZ camera 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>Part Number:</b>	<b>DTK-iBNC2.8</b>
<b>Service Voltage:</b>	1V peak-peak
<b>Clamping Voltage:</b>	2.8VDCV
<b>Protection Modes:</b>	Center Pin – Shield
<b>Surge Current Rating:</b>	20,000A 8/20 $\mu$ s impulse
<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

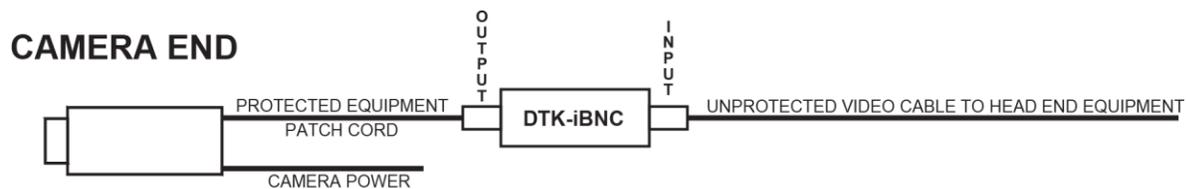
## Mechanical Characteristics

<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 (91mm x 28mm)
<b>Weight:</b>	2.5oz (71g)

## Quality, Standards & Approval

<b>Agency Approvals:</b>	UL497B
<b>Warranty:</b>	Ten Year Limited

## Wiring Diagram



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