

# DTK-iBNC Series

Coaxial Line Surge Protector



DTK-iBNC2.8

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

## Product Features

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

## Selection Guide:

- Fixed cameras: **DTK-iBNC2.8**
- Coaxitron cameras: **DTK-iBNC6.8**

## Technical Specifications

Part Number:	DTK-iBNC2.8	DTK-iBNC6.8
Service Voltage:	1V peak-peak	5VDC
Clamping Voltage:	2.8VDCV	
Protection Modes:	Center Pin – Shield	
Surge Current Rating:	20,000A 8/20 $\mu$ s impulse	
Band Pass Range:	0Hz-10MHz	
Insertion Loss:	<0.3dB/Channel	
Return Loss:	22dB RL @ 10MHz	
Impedance:	75 Ohms	

## Mechanical Characteristics

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

## Quality, Standards & Approval

Agency Approvals:	UL497B
Warranty:	Ten Year Limited

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