DTK-iBNC Series

Coaxial Line Surge Protector General Product Specifications



DITEK's iBNC 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 iBNC a favorite of CCTV integrators.

DTK-iBNC2.8

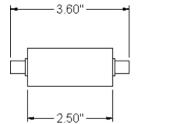
DTK-iBNC6.8

Application 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
- Ten Year

Specifications:

Agency Approvals: UL497B Connection Method: BNC Female In/Out Protection Type: Analog Video Service Voltage: -1V – 1V Max. Continuous Current: 0.2A Voltage Clamping: 2.8VDC, 6.8VDC Peak Surge Current: 20,000 Amps (10/1000 µsec impulse) Coaxial Band Pass Range: 0Hz - 10MHz, Return Loss: 22dB RL @ 10MHz Insertion Loss: <0.3dB/Channel Impedance: 75 Ohms Protection Modes: Center Pin – Shield **Dimensions:** 3.6" H x 1.1" Diameter (91mm x 28mm) Weight: 2.5oz (71g) Housing: Aluminum





Selection Guide

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

	DTK-iBNC2.8	DTK-iBNC6.8
Service Voltage	±1V peak-peak	5VDC
Impedance	75 Ohms	75 Ohms
Voltage Clamping	2.8VDC	6.8VDC
Peak Surge Current	20,000 A	20,000 A

Ø1.10"



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