



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 μ sec 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	± 1 V peak-peak	5VDC
Impedance	75 Ohms	75 Ohms
Voltage Clamping	2.8VDC	6.8VDC
Peak Surge Current	20,000 A	20,000 A

