



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-iBNC28

DTK-iBNC68

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

- **Connection Method:** BNC Female In/Out
- **Protection Type:** Analog Video
- **Service Voltage:** -1V – 1V
- **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-iBNC28**
Coaxitron cameras: **DTK-iBNC68**

	DTK-iBNC28	DTK-iBNC68
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

