



DTK-iBNC2.8 Coaxial Line Surge Protector

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 and PTZ camera analog 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

| | |
|------------------------------|-------------------|
| Service Voltage: | 1V peak-peak |
| Protection Modes: | Center Pin-Shield |
| Clamping Voltage: | 2.8VDC |
| Surge Current Rating: | 20,000A |
| Band Pass Range: | 0Hz-10MHz |
| Insertion Loss: | <0.3dB/Channel |
| Return Loss: | 22dB RL @ 10MHz |
| Impedance: | 75 Ohms |

Mechanical Specifications

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

Quality Standards & Approvals

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|------------------------|--------------------------|
| Certifications: | UL497B |
| Warranty: | 10 Year Limited Warranty |

Wiring Diagram

