



DTK-TPV Series

Twisted Pair Video Camera Surge Protector General Product Specifications

DITEK's TPV series of video surge protectors address a key vulnerability of Twisted Pair Video CCTV systems – the video wire. Lacking even the minimal amount of protection that a shielded coaxial line has, Twisted Pair Video systems are vulnerable to surges entering on the unshielded video wiring, potentially damaging cameras, converters, or head end equipment.



DTK-1TPV DTK-2TPV DTK-4TPV

Application Features

- 1, 2 or 4 pair models available to protect single or multiple video lines
- Suitable for use at the camera, converter, or DVR
- Hybrid design provides the best possible protection
- Single point ground improves protection and speeds installation

Product Features

- Connection Method: #26 - #16 AWG
- Band Pass Range: 0Hz – 10MHz
- Insertion Loss: < 0.5dB up to 10MHz
- Protection Modes: Positive – G, Negative – G
- Maximum Continuous Current: 150mA
- Dimensions: 3.0"H x 1.6" W x 1.6"D
(76 x 41 x 41mm)
- Weight: .55lb (250g)
- Operating Temperature: -40°F – 176°F
(-40°C – 80°C)
- Housing: ABS
- Warranty: Ten Year Limited Warranty

Technical Specifications

| DTK_ TPV | Video (Twisted Pair) |
|-----------------------------|-------------------------|
| Service Voltage | 5V |
| Voltage Clamping | 6.8VDC |
| Typical Let-Through Voltage | 7.4V |
| Peak Surge Current | 120 Amps per pair |

