



DSL and Telephone Line Surge Protection

TES RJ11
TES RJ45
Data Line

APPLICATION

Designed for the indoor protection of telephone line and high speed data lines.

DESCRIPTION

Plug in RJ11 telephone and RJ45 data lines in and out receptacle for easy installation.

FEATURES

- Eliminates dangerous voltage transients
- Improves component and system reliability
- Reduces lightning effects
- Promotes personal safety
- Clamps pico and nano second rise time transients
- Wide operating temperature range



TES RJ11 / RJ45

RJ11 ELECTRICAL SPECIFICATIONS

Internet/Modem Connectors	RJ-11 or RJ-45 in/out	RJ-11 or RJ-45 in/out
Thru-put Resistance	20 Ohms	20 Ohms
Response Time	<10 ns	<10 ns
Clamp Voltage FCC Part 68 Metallic Waveform	310V	310V
Clamp Voltage FCC Part 68 Longitudinal Waveform	310V	310V
Maximum Surge Current Withstand	20,000 amps	20,000 amps

RJ145 ELECTRICAL SPECIFICATIONS

Network Connectors	RJ-45 in/out	RJ-45 in/out
Protected Lines	ALL PINS	ALL PINS
Clamp Voltage 6kV @ 0.25 KA	11.5 volts @143 amps	11.5 volts @143 amps
Peak Plus Power	10 KW (10 μsec)	15 KW (10 μsec)
Response Time	<1 pico sec	<1 pico sec
Data Transmission	10/100 Base T (100 MB/Sec Max)	10/100 Base T (100 MB/Sec Max)

8/20 μsec CURRENT WAVEFORM

