CT4026
18 kV High Voltage Probe

Datasheet



Specifications

Operating Parameters	
Maximum Input Voltage (CAT I)	18 kV (DC + ACpk) 12 kVrms AC
Maximum Loading Current	90 µA
Division Ratio	1000:1
Bandwidth	DC to 150 MHz
Compensation Range	10 pF to 35 pF
Temperature Coefficient	≤200 ppm/°C
Input Resistance	200 MΩ
Input Capacitance	1.5 pF
Rise Time	2.4 ns
Signal/Noise	>60 dB @ 1 KHz >50 dB @1 MHz
Accuracy	
DC Volts	≤3%
AC Volts	≤3% at 1 kHz
General	
Cable Length	6.6 ft (2 m)
Designed for Use in	Pollution Degree 2
Operating Environment	14°F to 131°F (-10°C to 55°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	≤85% relative humidity at 95°F (35°C)
Dimensions	3.1 x 3.1 x 12.6 in (8 x 8 x 32 cm)
Weight	1.0 lbs (460 g)
Warranty	One-year warranty

Overview:

The Elditest CT4026 is a 18 kV high voltage divider probe for use with both digital and analog oscilloscopes.

Features:

- Input voltage of 18 kV (DC+ACpk)
- 150 MHz bandwidth
- Voltage dividing of 1000:1
- Frequency compensation

Technical data subject to change.
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