

Insulated BNC to 4mm Banana Jack Attenuators

CT4448-#



Features:

- Fully Insulated
- Usable in high category environments, i.e., 1000 V CAT II / 600 V CAT III
- Bridges oscilloscope functionality with DMM Test Lead durability
- Broadens applications for low input voltage oscilloscopes
- Three (3) convenient attenuations - 10x, 20x, and 100x
- Excellent for lower frequency measurements (<9 kHz)
- Connects to 4mm sheathed or standard banana plugs
- CE listed
- RoHS 2 Compliant

Description:

The CT4448 is rated to 1,000 V CAT II / 600 V CAT III.^a

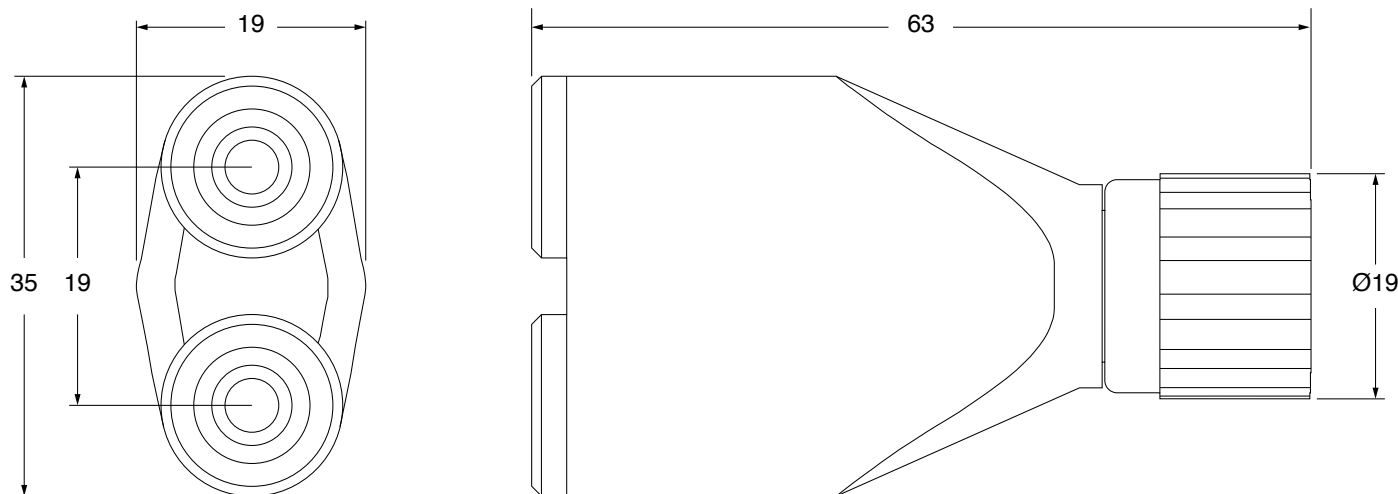
These attenuators are ideal for lower frequency (<9 kHz) but higher voltage applications where safety calls for something more robust than standard oscilloscope probes. Using 4 mm DMM probes and/or insulated alligator clips can provide a safer, more durable handheld test equipment setup.

The CT4448 provides an oscilloscope matching 1 M Ω input impedance and accepts 4 mm sheathed banana plugs to allow for work into higher voltages and CAT environments such as some electrical panel mains.

Selecting an adapter with the appropriate attenuation factor can reduce the input voltage to the range for your application and equipment. This is especially critical for oscilloscopes with a low input voltage such as portable USB types.

a. Must be used in conjunction with other similarly rated products.

Mechanical Drawing: Dimensions in mm, not to scale



Order Information:

CT4448-#

Insulated BNC to 4mm Banana Jack Attenuator

- Attenuation - replace '#' with dash number:
-10, -20, -100

Contact Info:

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Specifications

Attenuation (Voltage)	10x	20x	100x
Accuracy	±5%	±6%	
Max Voltage	1400 V _{peak}		500 V _{peak}
Impedance	1 MΩ		
Frequency Range	DC to 9 kHz		DC to 7 kHz
Pollution Degree	2		
Temperature	+5° to +40° C		
Relative Humidity	80% up to 31°C; decreasing linearly to 51% at 40°C		
Safety	IEC 61010-031:2105, 1000 V CAT II / 600 V CAT III		
RoHS (2011/65/EU)	Compliant		



WARNING

The measurement category is the lowest of the assembled products.



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