

Insulated BNC to 4mm Banana Jack Attenuators

CT4448-#



Features:

- Fully insulated
- Usable in high category environments, i.e., 1,000 V CAT II / 600 V CAT III
- Bridges oscilloscope functionality with DMM test lead durability
- Broadens the application range of low input voltage oscilloscopes
- Three convenient attenuations - 10x, 20x, and 100x
- Excellent for lower frequency measurements (<100 kHz)
- Connects to 4mm sheathed or standard unsheathed banana plugs
- CE listed
- RoHS 2 compliant

Description:

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

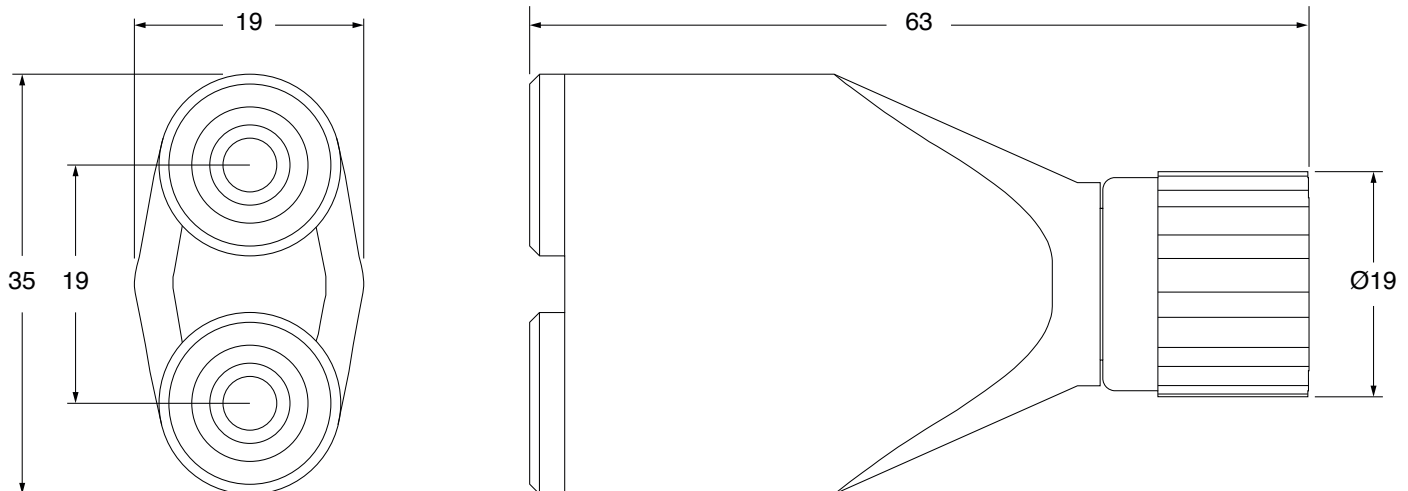
These attenuators are ideal for lower frequency (<100 kHz) but higher voltage applications where safety calls for more robust probes and leads than standard oscilloscope probes. Using 4 mm DMM probes and/or insulated alligator clips provides a safer, more durable handheld test setup.

The CT4448 provides 1 M Ω impedance and accepts 4 mm sheathed banana plugs allowing for work in higher voltages and CAT environments such as 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 or wireless types.

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

Mechanical Drawing: Dimensions in mm, not to scale



Specifications and appearance subject to change without notice
D444800 122420

1 - www.caltestelectronics.com

Cal Test
ELECTRONICS

Order Information:

CT4448-#

Insulated BNC to 4mm Banana Jack Attenuator

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

Contact Info:

Toll Free: 800-572-1028 (US Only)

Phone: 714-221-9330

Fax: 714-921-9849

22820 Savi Ranch Parkway

Yorba Linda, CA 92887-4610 USA

www.caltestelectronics.com

Specifications:

| | | | |
|-----------------------|--|-----|-----------|
| Attenuation (Voltage) | 10x | 20x | 100x |
| Accuracy | ±5% | ±6% | |
| Max Voltage | 1400 Vpeak | | 500 Vpeak |
| Impedance | 1 MΩ | | |
| Frequency Range | DC to 100 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, 1,000 V CAT II / 600 V CAT III | | |
| RoHS (2011/65/EU) | Compliant | | |



CE

Copyright © 2020, Cal Test Electronics, Inc. All rights reserved. Information in this publication supersedes that in all previously published material. Trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.



WARNING The measurement category is the lowest of the assembled products.

Specifications and appearance subject to change without notice
D444800 122420

2 - www.caltestelectronics.com

Cal Test
ELECTRONICS