

Cleaning

Use the following guidelines:

- Clean only the exteriors of any adapter. Use a soft cotton cloth moistened with a mild detergent and water solution. Do not allow any portion of the part to be submerged at any time.
- Dry the adapter thoroughly before attempting to make any voltage measurement.
- Do not subject the products to solvents or solvent fumes as these can cause deterioration of the body, cables and/or dielectrics.



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UserMan_CT3382A_r01

CT3382A

Precision 50Ω BNC Attenuator Kit

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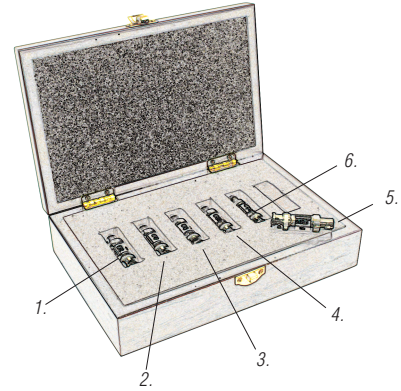
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For product information, sales, service and technical support:

- Call: 714-221-9330
- Email: info@caltestelectronics.com
- Worldwide: <http://www.caltestelectronics.com>

Kit Components



| Item | Description | Model | Quantity |
|------|----------------------------|------------|----------|
| a. | BNC male-female Attenuator | CT3369A-03 | 1 |
| b. | BNC male-female Attenuator | CT3369A-06 | 1 |
| c. | BNC male-female Attenuator | CT3369A-08 | 1 |
| d. | BNC male-female Attenuator | CT3369A-10 | 1 |
| e. | BNC male-female Attenuator | CT3369A-14 | 1 |
| f. | BNC male-female Attenuator | CT3369A-20 | 1 |

Specifications

Max. Operating Temp -20° to +120° C
 Humidity 85% RH or less (at 35° C)
 Impedance 50 Ω
 Frequency Range 4 GHz
 VSWR Max 1.25:1 @ 4 GHz Max
 Power: 2 W Avg. 250 W Peak
 Attenuation

| Item | Description | Attenuation | Attenuation (dB) |
|------|----------------------------|-------------|------------------|
| a. | BNC male-female Attenuator | 1.3x | 3 dB ±0.5 |
| b. | BNC male-female Attenuator | 2x | 6 dB ±0.5 |
| c. | BNC male-female Attenuator | 2.5x | 8 dB ±0.5 |
| d. | BNC male-female Attenuator | 3.2x | 10 dB ±0.5 |
| e. | BNC male-female Attenuator | 5x | 14 dB ±0.5 |
| f. | BNC male-female Attenuator | 10x | 20 dB ±0.5 |



WARNING. The measurement category of a combination of components is the lowest of the combination.

BodyBrass, Nickel Plated
 DielectricPTFE
 ContactsBrass & BeCu, Gold Plated

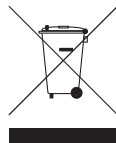
Warranty

Cal Test Electronics warrants this product for normal use and operation within specification for a period of one (1) year from the date of shipment (accessories and manual not included).

In exercising its warranty, Cal Test Electronics, at its option, will either repair or replace any assembly returned within the warranty period. However, this will be done only if the product is determined by Cal Test Electronics' examination to be defective because of workmanship or materials, and the defect is not caused by misuse, neglect, accident, abnormal conditions of operation, or damaged by attempted repair or modifications by non-authorized facility.

The customer will be responsible for the transportation and insurance charges for the return of products. Cal Test Electronics will return all products under warranty with transportation charges prepaid. (Continental U.S. only.)

This warranty replaces all other warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability, fitness, or adequacy for any particular purpose or use. Cal Test Electronics shall not be liable for any special, incidental or consequential damages, whether in contract or otherwise.



This electronic product is subject to disposal and recycling regulations that vary by country and region. Many countries prohibit the disposal of waste electronics equipment in standard waste receptacles.

Made in Taiwan

General Safety Information

To avoid personal injury and to prevent fire or damage to attenuator or any product connected to them, review and comply with the following safety precautions.

Use of these attenuators or test instrument they are connected to in a manner not specified by the manufacturers may impair protection mechanisms.

To avoid Personal Injury and Product Damage:

Connect to properly grounded instruments. Use only with test instruments having their inputs connected to earth ground. Do not connect the ground shells to any point which is at a potential other than earth ground.

Do not disconnect the attenuators from instrument during measurement. Connect the cable or adapters to the measurement instrument before connecting to the test circuit.

Do not apply to their inputs any potential that exceeds the maximum rating of the attenuators.

Do not use if any part is damaged. All maintenance should be referred to a qualified service personnel only.

Do not use in wet or explosive atmospheres.

For indoor use only.

Symbols and Terms

These terms may appear in this manual:



WARNING. Warning statements identify conditions or practices that could result in injury or loss of life.



CAUTION. Caution statements identify conditions or practices that could result in damage to this product or other property.

The following symbols may appear on the product:



DANGER
High Voltage



ATTENTION
Refer to Manual



DOUBLE
INSULATION



Protective
(EARTH) TERMINAL

Basic Operation

Model CT3382 is a general purpose accessory kit for use with most all general purpose bench top power supplies.