

**Cleaning**

Use the following procedure:

- Clean only the exterior of the 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 product to solvents or solvent fumes as these can cause deterioration of the body or dielectrics.

**CT2944C-50**  
BNC Feed-Thru Terminator

© Cal Test Electronics. All rights reserved.

Cal Test Electronics products are covered by US and foreign patents, issued and pending. Information in this publication supersedes all earlier versions. Specifications subject to change without notice.

CT2944C-50\_UserManual



99 Washington Street  
Melrose, MA 02176  
Phone 781-665-1400  
Toll Free 1-800-517-8431



Visit us at [www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)

**General Safety Information**

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

Use of these adapters, or test instruments 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 input connect to earth ground. Do not connect the adapter's ground shell to any point which is at a potential other than earth ground.

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

**Do not apply any potential that exceeds the maximum rating.**

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

**For indoor use only.**

**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.

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.

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.

**Operation**

Model CT2944C-50 BNC feed-thru terminators match higher impedance devices and cables to the input impedance of the test equipment.

- High quality construction
- Excellent VSWR
- Frequency to 1 GHz

**Specifications**

Max. Operating Temp..... 0° to +125°C  
 Humidity..... 85% RH or less (at 35°C)

Model	CT2944C-50
Connector Grade	General Purpose
Impedance	50 Ω ± 0.35 Ω
Frequency Range	DC to 1 GHz
VSWR	≤1.10:1 DC to 500 MHz ≤1.20:1 500 MHz to 1 GHz
Power	2 W (avg) @ 25°C Derated Linearly to 0.5 W @ 125°C
Input Voltage	≤10 V DC, 20 Vp-p AC
Accuracy	0.7%
Coupling Nut Body & Male Contact	Brass, Nickel Plated Brass, Gold Plated
Female Contact	BeCu, Gold Plated
Dielectric	PTFE
Gasket	Silicone Rubber
Weight and Dimensions	20 g 40.3 mm x Ø14.5 mm (1.58" x Ø.57")



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



99 Washington Street  
 Melrose, MA 02176  
 Phone 781-665-1400  
 Toll Free 1-800-517-8431

Visit us at [www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)