SCTE® | STANDARDS

Interface Practices Subcommittee

AMERICAN NATIONAL STANDARD

ANSI/SCTE 04 2021

Test Method for “F” Connector Return Loss

Documents
Document Sharing Hub

Full document details: SCTE 04 2021

NOTICE

The Society of Cable Telecommunications Engineers (SCTE) Standards and Operational Practices (hereafter called "documents") are intended to serve the public interest by providing specifications, test methods and procedures that promote uniformity of product, interoperability, interchangeability, best practices, and the long term reliability of broadband communications facilities. These documents shall not in any way preclude any member or non-member of SCTE from manufacturing or selling products not conforming to such documents, nor shall the existence of such standards preclude their voluntary use by those other than SCTE members.

SCTE assumes no obligations or liability whatsoever to any party who may adopt the documents. Such adopting party assumes all risks associated with adoption of these documents and accepts full responsibility for any damage and/or claims arising from the adoption of such documents.

NOTE: The user's attention is called to the possibility that compliance with this document may require the use of an invention covered by patent rights. By publication of this document, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details may be obtained from the standards developer. SCTE shall not be responsible for identifying patents for which a license may be required or for conducting inquiries into the legal validity or scope of those patents that are brought to its attention.

Patent holders who believe that they hold patents which are essential to the implementation of this document have been requested to provide information about those patents and any related licensing terms and conditions. Any such declarations made before or after publication of this document are available on the SCTE web site at https://scte.org.

All Rights Reserved
© 2021 Society of Cable Telecommunications Engineers, Inc.
140 Philips Road
Exton, PA 19341

Documents
Document Sharing Hub
Full document details: SCTE 04 2021

Document Types and Tags

Document Type: Specification

Document Tags:

☒ Test or Measurement ☐ Checklist ☐ Facility

☐ Architecture or Framework ☐ Metric ☒ Access Network

☐ Procedure, Process or Method ☐ Cloud ☐ Customer Premises

Document Release History

Release	Date
SCTE 04 1997	*3/11/1998*
SCTE 04 2007	*7/06/2007*
SCTE 04 2014	*3/17/2014*

Note: Standards that are released multiple times in the same year use: a, b, c, etc. to indicate normative balloted updates and/or r1, r2, r3, etc. to indicate editorial changes to a released document after the year.

Documents
Document Sharing Hub
Full document details: SCTE 04 2021

Table of Contents

Title	Page Number
NOTICE	2
Document Types and Tags	3
Document Release History	3
Table of Contents	4
1. Introduction	5
2. Normative References	5
3. Informative References	6
4. Compliance Notation	6
5. Abbreviations and Definitions	7
6. Background	7
7. Equipment	8
8. Test Samples	8
9. Measurement Methodology	9
10. Inspection	11
11. Documentation	11

List of Figures

Title	Page Number
Figure 1 - Equipment Setup	9
Figure 2 - Time Domain and Frequency Response Trace (no gating)	10
Figure 3 - Time Domain and Frequency Response and Gating	10

Documents
Document Sharing Hub
Full document details: SCTE 04 2021