UL 444

STANDARD FOR SAFETY

Communications Cables

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UL Standard for Safety for Communications Cables, UL 444

Sixth Edition, Dated July 31, 2026

Summary of Topics

This new Sixth Edition of ANSI/UL 444 dated July 31, 2026 includes the following changes in requirements:

Addition of Optional Oil Rating: Section 45, Table 45.1, and Section 49;

Optional Flame Designations: Section 49;

TPE Physical Properties: Table 15.3;

Updates to remove references to ASTM B189 from the list of Referenced Publications and throughout this Standard; and

Restructuring and editorial revisions for new edition throughout this Standard

As noted in the Commitment for Amendments statement located on the back side of the title page, ULSE and CSA are committed to updating this harmonized standard jointly.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated January 23, 2026 and April 17, 2026.

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Communications Cables

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This Standard is subject to review within five years from the date of publication, and suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include "Proposal for change" in the subject line: Standard designation (number); relevant clause, table, and/or figure number; wording of the proposed change; and rationale for the change.

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This ANSI/UL Standard for Safety consists of the Sixth edition.

The most recent designation of ANSI/UL 444 as an American National Standard (ANSI) occurred on July 31, 2026. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

The Department of Defense (DoD) has adopted UL 444 on June 12, 1987. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

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Preface

This is the harmonized CSA Group and ULSE standard for Communications Cables. It is the ninth edition of CSA C22.2 No. 214, and the sixth edition of UL 444. This edition of CSA C22.2 No. 214 supersedes the previous edition(s) published January 20, 2017. This edition of UL 444 supersedes the previous edition(s) published on June 30, 2023.

This harmonized standard was prepared by the CSA Group and ULSE.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

This Standard was reviewed by the CSA Subcommittee on Control, Instrument, Communication, and Marine Cables, under the jurisdiction of the Technical Committee on Wiring Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

Level of Harmonization

This standard uses an IEC format, but is not based on, nor is it to be considered equivalent to, an IEC standard.

This standard is published as an identical standard for CSA Group and ULSE.

An identical standard is a standard that is exactly the same in technical content except for national differences resulting from conflicts in codes and governmental regulations. Presentation is word for word except for editorial changes.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

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Communications Cables

1 Scope

1.1 This Standard applies to 60 – 250 °C single- or multiple-conductor jacketed or unjacketed, integral or nonintegral cables and single or multiple coaxial cables for telephone and other communication circuits such as voice, data, and audio for on-premise customer systems. These cables are may contain one or more optical fibre members. For the purpose of this Standard, a coaxial cable or coaxial member conductor is a single conductor with a shield. For the purpose of this Standard, a single- or multiple-conductor unjacketed cable is a cross-connect wire.

1.2 This Standard applies to communications cables that are intended primarily for installation in accordance with Section 60 – Electrical Communication Systems of the CSA C22.1, *Canadian Electrical Code, Part I*, and Article 800 – General Requirements for Communications Systems, NFPA 70®, *National Electrical Code*® (NEC®). They are rated for 300 V applications, but are not so marked.

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Note: See Annex A for a complete list of wire types covered by this Standard and the specific electrical codes for which they are intended.

1.3 This Standard does not apply to communications cords.

1.4 In Canada, the Type "-CI" circuit integrity markings are not recognized by the Canadian Electrical Code, Part I.

In the US, Type CMH is not recognized in the NEC.

2 Referenced Publications

2.1 Normative references

2.1.1 For undated references to Standards, such reference shall be considered to refer to the latest edition and all revisions to that edition up to the time when this Standard was approved. For dated references to Standards, such reference shall be considered to refer to the dated edition and all revisions published to that edition up to the time the Standard was approved.

2.1.2 The following publications are referenced in this Standard:

ANSI Z136 Series, *American National Standard Safe Use of Lasers*

ASTM E230/E230M, *Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples*

ASTM B33, *Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes*

ASTM B298, *Specification for Silver-Coated Soft or Annealed Copper Wire*

ASTM B355, *Specification for Nickel-Coated Soft or Annealed Copper Wire*

ASTM B566, *Specification for Copper-Clad Aluminum Wire*

ASTM B869, *Specification for Copper-Clad Steel Electrical Conductor for CATV Drop Wire*

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