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SUBJECT 2269

OUTLINE OF INVESTIGATION

FOR

OPTICAL FIBER/COMMUNICATIONS/SIGNALING/COAXIAL CABLE OUTLET
BOXES

Issue Number: 2

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Summary of Topics

This second issue of the Outline of Investigation for Optical Fiber/ Communications/Signaling/Coaxial Cable Outlet Boxes is issued to include new Annex A, Tests on Alternate Corrosion Protection Systems.

The UL Foreword is no longer located within the UL Outline of Investigation. For information concerning the use and application of the requirements contained in this Outline of Investigation, the current version of the UL Foreword is located on ULStandardsInfoNet at: <http://ulstandardsinfo.net.ul.com/ulforeword.html>

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INTRODUCTION

1 Scope

1.1 These requirements cover outlet boxes, mounting brackets and frames designed for use with a cover plate for optical fiber/communications/signaling/coaxial cable for use in Class II circuits or communication circuits to be installed in accordance with the National Electrical Code, ANSI/NFPA 70.

1.2 This Outline of Investigation does not apply to:

- a) Metallic or nonmetallic outlet boxes, flush-device boxes, extension rings, outlet boxes covers, or
- b) Cover plates and associated gaskets for flush-mounted wiring devices to be employed as part of an electrical enclosure in accordance with the National Electrical Code, ANSI/NFPA 70.

2 Units of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 References

3.1 Any undated reference to a code or standard appearing in the requirements of this Outline of Investigation shall be interpreted as referring to the latest edition of that code or standard.

CONSTRUCTION

4 Materials

4.1 Metal boxes, brackets and frames

4.1.1 General

4.1.1.1 The material thickness shall not be less than 0.030 in (0.76 mm) for ferrous metal (including stainless steel) or 0.040 in (1.0 mm) for nonferrous metal.