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Nonshielded Cables Rated 2001-5000 V
for Use in the Distribution of Electric Energy

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Foreword

This standards publication, *Standard for Nonshielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy*, was developed by the Insulated Cable Engineers Association, Inc. (ICEA) and approved by the National Electrical Manufacturers Association (NEMA).

ICEA/NEMA standards are adopted in the public interest and are designed to eliminate misunderstandings between the manufacturers and the user and to assist the user in selecting and obtaining the proper product for his or her particular need. The user of this standards publication is cautioned to observe any health or safety regulations and rules relative to the use of cable made in conformity with this standard.

Requests for interpretation of this standard must be submitted in writing to:

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Section 1
GENERAL

1.1 SCOPE
This standard applies to materials, constructions, and testing of 2001-5000 V nonshielded power cables having insulations of crosslinked polyethylene (includes both crosslinked and tree-retardant crosslinked polyethylene) or crosslinked rubber of the types shown in section 4. The insulation shall be covered with a discharge-resistant jacket or shall be a discharge-resistant material without a jacket. Discharge-resistant insulations and jackets shall comply with the applicable surface resistivity, U-Bend discharge, and track-resistance requirements of sections 4 and 5.

The nonshielded cables described in this standard are intended for use for the distribution of electrical energy in normal conditions of service in indoor, outdoor, aerial, underground, or subsea installations within the application limits shown in Table 4-3 and section 5.2.1. They are not intended for portable use applications.