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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).

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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.