

Cable Specifications for Proximity Readers

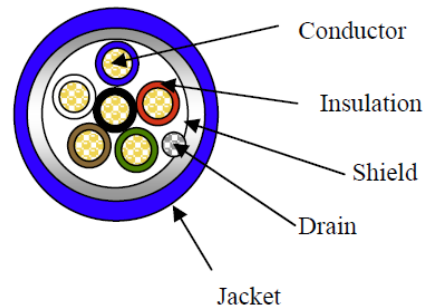
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1.0 SCOPE

This document establishes the specifications for a six conductor shielded cable used in communication applications.

2.0 APPLICABLE DOCUMENTS

Reference Document: NEC Article 800
UL Subject 444, Type CM
C(ETL)US



3.0 REQUIREMENTS

This document contains values for all important electrical and mechanical parameters, and as such, is the basis for all incoming inspection and acceptance.

4.0 ELECTRICAL

4.1 Voltage rating: 300 volts, rms.

5.0 MECHANICAL

- 5.1 Conductor: 22AWG Stranded bare copper
- 5.2 Insulation material: Polyvinyl Chloride.
- 5.3 Color Code: Black, White, Red, Green, Blue, Brown.
- 5.4 Shield: Aluminum/Polyester tape, 100% coverage.
- 5.5 Drain wire: Stranded tin copper
- 5.6 Jacket material: Polyvinyl Chloride.
- 5.7 Color Code: Per customer requirement.
- 5.8 Nominal Overall O.D.: 0.170 in.

6.0 PREPARATION FOR DELIVERY

The cables shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.