

## WIRE & CABLE REFERENCE STANDARDS

| STANDARD                   | DESCRIPTION  |
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| ASTM B 3                   | Standard specification for soft or annealed copper wire  |
| ASTM B 8                   | Standard specification for concentric-lay stranded copper conductors, hard, medium-hard or soft                              |
| ASTM B 33                  | Standard specification for tinned soft or annealed copper wire for electrical purposes                                       |
| ASTM B 172                 | Standard specification for rope-lay stranded copper conductors having bunch-stranded members, for electrical conductors      |
| ASTM B 173                 | Standard specification for rope-lay-stranded copper conductors having concentric-stranded members, for electrical conductors |
| ASTM B 174                 | Standard specification for bunch-stranded copper conductors for electrical conductors  |
| ASTM B 298                 | Standard specification for silver-coated soft or annealed copper wire  |
| CAN/CSA C22.2<br>No. 49    | Standard for flexible cords and cables   |
| CAN/CSA C22.2<br>No. 51    | Standard for armored cable   |
| CAN/CSA C22.2<br>No. 96    | Standard for portable power cable  |
| CAN/CSA C22.2<br>No. 210.2 | Standard for appliance wiring material products  |
| CAN/CSA C22.2<br>No. 214   | Standard for communications cables   |
| CAN/CSA C22.2<br>No. 239   | Standard for control & instrumentation cables  |

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| CSA C22.2: No. 0.3 | Standard for test methods for electrical wires and cables   |
| CSA C22.2 No. 38   | Standard for thermoset insulated wires and cables   |
| CSA C22.2 No. 75   | Standard for thermoplastic-insulated wires and cables   |
| CSA C22.2 No. 127  | Standard for equipment wires  |
| CSA C22.2 No. 208  | Standard for fire alarm and signal cable  |
| CSA C22.2 No. 222  | Standard for type FCC under-carpet wiring system  |
| CSA C22.2 No. 230  | Standard for tray cable   |
| EIA/TIA-568        | Commercial building telecommunications wiring standard  |
| EIA/TIA-569        | Commercial building standard for telecommunications pathways and spaces   |
| EIA/TIA TSB-36     | Additional cable specifications for unshielded twisted pair cables  |
| EIA/TIA TSB-40     | Additional transmission specifications for unshielded twisted pair connecting hardware  |
| IEEE 383           | IEEE standard for type test of class 1E electrical cables, field splices and connections for nuclear power generating stations  |
| IEEE 802.3         | IEEE standard for information processing systems - local and metropolitan area networks - part 3: carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications (ISO/IEC) (ANSI/IEEE Std. 802.3) |
| IEEE 802.5         | IEEE standard for information technology - local and metropolitan area networks - part 5 token ring access method and physical layer specifications (ISO/IEC) (ANSI/IEEE Std. 802.5)  |

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| IEEE 1202 | IEEE standard for flame testing of cables for use in cable tray in industrial and commercial occupancies                                      |
| NFPA 70   | National electrical code  |
| NFPA 262  | Test for fire and smoke characteristics of wires and cables   |
| UL 13     | Standard for power-limited circuit cable  |
| UL 44     | Standard for rubber-insulated wires and cables  |
| UL 62     | Standard for flexible cord and fixture wire   |
| UL 83     | Standard for thermoplastic insulated wires and cables   |
| UL 444    | Standard for communications cables  |
| UL 758    | Standard for appliance wiring material-component  |
| UL 854    | Standard for service-entrance cables  |
| UL 910    | Standard for flame propagation and smoke-density values for electrical and optical-fiber cables used in spaces transporting environmental air |
| UL 1063   | Standard for machine tool wires and cables  |
| UL 1277   | Standard for electrical power and control tray cables with optional optical fiber members   |
| UL 1569   | Standard for metal clad cables  |
| UL 1666   | Standard test for flame propagation height of electrical and optical fiber cables installed vertically in shafts                              |
| UL 1685   | Standard for vertical tray fire propagation and smoke release test for electrical and optical fiber cables                                    |
| UL 1690   | Standard for data processing (DP) cables  |

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| UL 2556 | Wire and cable test methods |
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