3M™ Round, Shielded/Jacketed, Disc. Wire Cable
28 AWG Stranded, Twisted Pair, PVC/PVC

3600X Series

- Meets external wiring requirements of National Electrical Code, Article 725 (CL2)
- 28 AWG stranded wire provides flexibility
- Twisted pairs reduce crosstalk for balanced drive applications
- Dual shielding with aluminum film foil and copper braid provides excellent EMI/ESD protection
- Wires are color coded for easy identification
- 35 db average shielding effectiveness
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Physical

Jacket Material: Polyvinyl Chloride (PVC); Color: Beige
Primary Material: PVC

Marking:
Standard: (UL) CL2 75C 28 AWG 3M XX
C AWM IIA/B 80C 150V FT1 EU <50V
(where XX may be NU, MR or NW)

Conductors: 28 AWG, 7 × 36 AWG [7 × Ø 0.127] Tinned Stranded Copper
Shielding: 0.001 [0.03] Thick Aluminum/Polyester Film Foil and 90% Coverage Tinned Copper Braid

Electrical

Voltage Rating: USA: N.E.C. 725, CL2 Canada: 150V EU: <50V
Insulation Resistance: (Primary Cable) > 1 × 10^10 Ω/10 ft. [3 m]
Characteristic Impedance: Unbalanced 58 Ω
Balanced 91 Ω
Capacitance: 29.2 pF/ft [95.8 pF/m]
Inductance: 0.10 μH/ft [0.33 μH/m]
Propagation Delay: 1.69 ns/ft [5.54 ns/m]
Velocity of Propagation: 60%

Environmental

Temperature Rating: USA: CL2; 75°C Max Canada: +80°C
Flammability Rating: USA: N.E.C. 725, CL2 Canada: FT1

UL File No.: E118773, Power Limited Circuit Cable; CL2

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3M Interconnect Solutions
http://www.3Mconnectors.com

3M is a trademark of 3M Company.
For technical, sales or ordering information call
800-225-5373
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3600X Series

Ordering Information

Note: Available in standard 100 ft, 200 ft and 300 ft rolls, please specify when ordering. Contact 3M for availability of additional conductor counts and/or custom roll lengths.

3600X / XX XX

Blank = Standard
SF = Splice Free

Number of Conductors (See Table)

Jacket Color Options:
A = Black Jacket (Special)
B = Beige Jacket (Standard)
G = Gray Jacket (Special)

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Important Notice

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