



Description: 3/Pairs # 20 AWG; HD-PE Insulation, Each pair shielded, Overall Polyurethane Jacket.

A. Construction

- 1.0 Shielded Pairs: 20 AWG individually shielded
 - 1.1 Conductor: 20 AWG 26/34 Tinned Copper; OD: .038" Nom.
 - 1.2 Insulation: .011" Wall; HD-PE; OD: .060" Nom.
 - 1.3 Color Code: P1: Yellow, Green P2: Red, Black P3: White, Blue
 - 1.4 Shield: Aluminum/Polyester Tape; 100% Shield, (Alum Side-out)
- 2.0 Final Assembly: 3/Prs cabled on common axis with common drain wire
 - 2.1 Filler: Fr-Fibrillated poly filler in core
 - 2.2 Drain Wire: 20 AWG 26/34 Tinned Copper
 - 2.3 Binder: Nylon Tape Wrap, 35% Min Overlap;
 - 2.4 Tape: Paper Tape; 25% Nom Overlap;
 - 2.5 Jacket: .038" Wall, FR-Polyurethane (Pressured); Color: Black Matt finish
OD: .285" +/- .005"
- 3.0 Marking: E76328 ~~SA~~ AWM 80C 300V -- LL79301 CSA AWM I/II A/B 80C 300V FT-I-- RoHS/CE -- MADE IN USA (DDMMYY)

B. Electrical & Mechanical Characteristics:

- 1.0 Conductor DCR: 11.4 Ohms/Mft Nom.
- 2.0 Capacitance: 29.0 Pf/ft Nom. (Mutual)
52.0 pf/ft Nom. (Cond-Shield)
- 3.0 Impedance: 53.0 Ohm Nom.
- 4.0 Shield DCR: 9.50 Ohms/Mft Nom. (foil shield + Drain wire)
- 5.0 Velocity of Propagation: 66% Nom
- 6.0 Temperature and Voltage Rating: -40C to +80C / 300V Max

C. Agencies Approval: UL Subject 758; AWM Style 20233 80C 300V VW-1 and CSA C22.2 No.210-05 AWM I/II A/B FT-1

D. Compliance: RoHS/CE Compliant

E. Cable Weight: 50.0 Lbs./Kft Nom.

*Approved
Kurtin G. Adams
2/18/2016*

| REV | DATE | CHANGE DETAIL | General Cable | | General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122 | |
|-----|----------|-----------------------------------|-------------------------------|------------|---|--|
| | | ref. NACCO P/N: 8531897 /RD3609-1 | Title: ZO20P0031897 | | Description: 3/Prs. 20 AWG Ind. Shielded Special Application Cable | |
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| | | | Drawn By: | gt | | |
| B | 01/15/16 | Revise spec and color code - GT | Mktg Approval: | | | |
| A | 02/23/15 | Initial Release / GT | Final Approval: | G. Toknall | PAGE 1 of 1 | |

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