General Description:
16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

<table>
<thead>
<tr>
<th># Pairs</th>
<th>AWG</th>
<th>Stranding</th>
<th>Conductor Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16</td>
<td>7x24</td>
<td>BC - Bare Copper</td>
</tr>
</tbody>
</table>

Total Number of Conductors: 2

Insulation

Insulation Material:

PVC - Polyvinyl Chloride

Outer Shield

Outer Shield Material:

Unshielded

Outer Jacket

Outer Jacket Material:

PVC - Polyvinyl Chloride

Nom. Wall Thickness (in.): .037

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.258 in.

Pair

Pair Color Code Chart:

<table>
<thead>
<tr>
<th>Number</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Black &amp; White</td>
</tr>
</tbody>
</table>

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 36.400 lbs/1000 ft.

Max. Recommended Pulling Tension: 71.400 lbs.

Min. Bend Radius/Minor Axis: 2.600 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, ITC-ER, PLTC-ER

CEC/(UL) Specification: CMG

AWM Specification: UL Style 2464 (300 V 105°C)

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes


EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes


EU Directive 2006/66/EC (BF): Yes

EU Directive 2009/125/EC (BF): Yes

EU Directive 2010/75/EC (BF): Yes

EU Directive 2011/65/EU (ROHS): Yes

EU Directive 2013/53/EU (BF): Yes

EU Directive 2015/863/EU (BF): Yes

EU Directive 2015/864/EU (BF): Yes

CA Prop 65 (CJ for Wire & Cable): Yes
1035A Multi-Conductor - 300V Power-Limited Tray Cable

CA Prop 65 (CJ for Wire & Cable): Yes
MII Order #39 (China RoHS): Yes

Flame Test
UL Flame Test: UL1685 FT4 Loading
CSA Flame Test: FT4
IEEE Flame Test: 1202

Suitability
Sunlight Resistance: Yes

Plenum/Non-Plenum
Plenum (Y/N): No

Surface Printing (Overall)

Electrical Characteristics (Overall)
Nom. Conductor DC Resistance:

<table>
<thead>
<tr>
<th>DCR @ 20°C (Ohm/1000 ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7</td>
</tr>
</tbody>
</table>

Max. Operating Voltage - UL:

<table>
<thead>
<tr>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 V RMS</td>
</tr>
</tbody>
</table>

Put Ups and Colors:

<table>
<thead>
<tr>
<th>Item #</th>
<th>Putup</th>
<th>Ship Weight</th>
<th>Color</th>
<th>Notes</th>
<th>Item Desc</th>
</tr>
</thead>
<tbody>
<tr>
<td>1035A 0101000</td>
<td>1,000 FT</td>
<td>36.000 LB</td>
<td>BLACK</td>
<td>C</td>
<td>2 #16 PVC PVC</td>
</tr>
<tr>
<td>1035A 01010000</td>
<td>10,000 FT</td>
<td>380.000 LB</td>
<td>BLACK</td>
<td>C Z</td>
<td>2 #16 PVC PVC</td>
</tr>
</tbody>
</table>

Notes:
C = CRATE REEL PUT-UP.
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3  Revision Date: 05-17-2015

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