**General Description:**
SJTW Belflex® matte black premium PVC, smooth jacket, 300V, 105°C, paper tape separator, UL/CSA listed, international color code: light blue, brown.

**Physical Characteristics (Overall)**

<table>
<thead>
<tr>
<th>Conductor</th>
<th>AWG:</th>
</tr>
</thead>
<tbody>
<tr>
<td># Conductors</td>
<td>AWG</td>
</tr>
<tr>
<td>2</td>
<td>18</td>
</tr>
</tbody>
</table>

- Total Number of Conductors: 2
- Type of Cordage: SJTW

**Insulation**
- Insulation Material:
  - PVC - Polyvinyl Chloride: 0.032 in.

**Outer Shield**
- Outer Shield Material: Unshielded

**Outer Jacket**
- Outer Jacket Material:
  - Outer Jacket Trade Name: Belflex®
  - Outer Jacket Material: PVC Blend - Polyvinyl Chloride Blend
  - Nom. Wall Thickness (in.): 0.035

**Overall Cable**
- Overall Cabling Fillers: Polypropylene
- Overall Cabling Color Code Chart:
  - Color
    - Light Blue
    - Brown
- Overall Cabling Separator Material: Paper Tape
- Overall Nominal Diameter: 0.290 in.

**Mechanical Characteristics (Overall)**
- Operating Temperature Range: -40°C To +105°C
- Bulk Cable Weight: 38 lbs/1000 ft.
- Min. Bend Radius/Minor Axis: 3 in.

**Applicable Specifications and Agency Compliance (Overall)**

<table>
<thead>
<tr>
<th>NEC/(UL) Specification:</th>
<th>SJTW</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSA Specification:</td>
<td>SJTW</td>
</tr>
<tr>
<td>EU Directive 2011/65/EU (ROHS II):</td>
<td>Yes</td>
</tr>
<tr>
<td>EU CE Mark:</td>
<td>Yes</td>
</tr>
<tr>
<td>EU Directive 2002/95/EC (RoHS):</td>
<td>Yes</td>
</tr>
<tr>
<td>EU RoHS Compliance Date (mm/dd/yyyy):</td>
<td>01/01/2004</td>
</tr>
<tr>
<td>EU Directive 2002/96/EC (WEEE):</td>
<td>Yes</td>
</tr>
</tbody>
</table>
19506 Portable Cordage - UL/CSA Types: SJ, SJO, SJTOW, SO

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

| Voltage | 300 V RMS |

Max. Recommended Current:

<table>
<thead>
<tr>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Amps per conductor @ 25°C</td>
</tr>
<tr>
<td>7 Amps per conductor @ 25°C over 50 ft.</td>
</tr>
</tbody>
</table>

Dielectric Withstand Voltage:

1500 V AC Applied For 1 Min.

Notes (Overall)

Notes: Jacket is Oil Resistant

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>19506 B59250</td>
<td>250 FT</td>
<td>11,000 LB</td>
<td>BLACK, MATTE</td>
<td>C</td>
<td>2 18 34B SJTOW 105</td>
</tr>
</tbody>
</table>

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2  Revision Date: 01-06-2014

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).