

Part No.:	Color
Style 21179 Multiconductor cable with extruded non-integral jacket.	1.Gray 2.Black 3.Brown 4.Yellow/Green
Cross Section	
	<b>Insulation</b> 1.Gray 2.Black 3.Brown 4.Yellow/Green
Marking	<b>Jacket</b> Per request
BELDEN E357312-S 4C1.0SQ SHIELDED  AWM STYLE 21179 80C 600V VW-1 --- c  AWM I/II A/B 80C 600V FT1  ROHS	Performance
Description	<b>Electrical Characteristics (20°C)</b> Max. Conductor DC Resistance at 20°C (Ω/km) <span style="float: right;">19.5</span>
Rating Voltage (V) <span style="float: right;">600</span> Rating Temperature(°C) <span style="float: right;">Static -30~80</span> Certification <span style="float: right;">UL</span> Flame test <span style="float: right;">UL VW-1&amp;CSA FT1 &amp;IEC 60332-1</span>	Mechanical Characteristics:
Application	<b>Test Object</b> <span style="float: right;"><b>Jacket</b></span> Test Material <span style="float: right;">PVC</span> Before Tensile Strength (Mpa) <span style="float: right;">≥ 10.3</span> Aging Elongation (%) <span style="float: right;">≥ 100</span> Aging Condition (°C) <span style="float: right;">113±2°C x168hrs</span> After Tensile Strength changing(%) <span style="float: right;">≥ 70% of original</span> Aging Elongation changing (%) <span style="float: right;">≥ 65% of original</span>
Reference Standard	
For internal wiring or external interconnection of electronic equipment.	
Construction	
Conductor <span style="float: right;"><b>Stranded Bare Copper</b></span> <b>4 Cores</b> mm <sup>2</sup> <span style="float: right;">1</span> Construction (mm) <span style="float: right;">50.154</span> Stranded Dia. (mm) <span style="float: right;">1.31</span>	Bending radius <span style="float: right;">Fixed Installation 4 times OD</span> Bending radius <span style="float: right;">Occasionalmovement 7.5 times OD</span> Oil resistant <span style="float: right;">Oil resistant to DIN EN 50290-2-22 (TM54)</span>
<b>Insulation</b> <span style="float: right;"><b>PE</b></span> Min. Thickness (mm) <span style="float: right;">0.33</span> Nom. Thickness (mm) <span style="float: right;">0.38</span> Insulation Dia. (±0.12mm) <span style="float: right;">2.15</span>	This cable fully conforms to REACH 191
<b>Cabling</b> <span style="float: right;"><b>4C</b></span> <b>Inner Jacket</b> <span style="float: right;"><b>PVC</b></span> Nom. Thickness (mm) <span style="float: right;">0.45</span> Outer Dia. (±0.25mm) <span style="float: right;">6.20</span>	
<b>Braid</b> <span style="float: right;"><b>Tinned Copper</b></span> Coverage(%) <span style="float: right;">85%</span>	
<b>Jacket</b> <span style="float: right;"><b>PVC</b></span> Min. Thickness (mm) <span style="float: right;">0.61</span> Nom. Thickness (mm) <span style="float: right;">0.76</span> Outer Dia. (±0.3mm) <span style="float: right;">8.30</span>	
Sample Record	Sample No. : Original spec no. SZ-B21179-021 <span style="float: right;">Rev.:2</span> Ref. spec No. : <span style="float: right;">Rev.:</span>
Revision History	
Prepared by: Yanghua <span style="float: right;">2018/11/30</span> <span style="float: right;">Table No.:T100</span> <span style="float: right;">Rev.: 0</span> Approved by: Lucky <span style="float: right;">2018/11/30</span> <span style="float: right;">Page 1 of 1</span>	