

# Product Specification



<b>Part No.:</b>	<b>Color</b>
<p align="center"><b>Cross Section</b></p>	<b>Insulation</b> 1.White*Brown 2.Green*Yellow 3.Gray*pink 4.Blue*red
<p align="center"><b>Marking</b></p> BELDEN E357312-S  AWM STYLE 20554 80C 30V FT2 ROHS	<b>Jacket</b> Per request
<p align="center"><b>Description</b></p> Rating Voltage (V) 30 Rating Temperature (°C) 80 Flame test FT2 <b>Application</b> Internal wiring of electronic equipment and appliances <b>Reference Standard</b> UL758, UL1581 & CSA C22.2 No. 210.2	<p align="center"><b>Performance</b></p> <b>Electrical Characteristics(20°C)</b> Max Conductor DC Resistance (Ω/km) 381.0
<p align="center"><b>Construction</b></p> 4P <b>Conductor</b> Stranded Bare Copper AWG 30 Structure(mm) 11/0.08 Conductor Dia.(mm) 0.30 <b>Insulation</b> HDPE Min Thickness(mm) 0.08 Normal Thickness (mm) 0.10 Insulation Dia (±0.05mm) 0.50 <b>Twist</b> YES Direction S <b>Cabling</b> 4P <b>Spiraling</b> Tinned Copper Coverage(%) ≥ 90% None-woven (overlapping) >=25% <b>Jacket</b> PU Min Thickness(mm) 0.33 Normal Thickness(mm) 0.38 Diameter (±0.15mm) 3.20	<b>Mechanical Characteristics:</b> <b>Test Object</b> Jacket Test Material PU Before Tensile Strength (Mpa) ≥ 10.3 Aging Elongation (%) ≥ 100 Aging Condition (°C) 113±2°C X 168 hrs After Tensile Strength (Mpa) ≥ 70% of original Aging Elongation (%) ≥ 65% of original
	<p align="center"><b>Sample Record</b></p> Sample No. : Original spec no. SZ-B20554-126 Rev.: 0 Ref. spec No. : Rev.:
	<p align="center"><b>Revision History</b></p>
	Prepared by: Xiaguang LI 2017/6/13 Table No.:T100 Rev.: 0 Approved by: CICICHENG 2017/6/13 Page 1 of 1