

# Product Specification



<b>Part No.:</b> SJT 3CX16AWG		<b>Color</b>																															
<b>Cross Section</b>		<b>Insulation:</b> 1.Blue 2.Brown 3.Green/Yellow																															
		<b>Jacket:</b> Per request																															
<b>Marking</b>		<b>Performance</b>																															
BELDEN E357323-S (UL) TYPE SJT 3/C 16AWG 105C 300V VW-1 - - -C(UL) TYPE SJT 3/C 1.31mm2(16AWG ) 105C 300V FT1 ROHS		<b>Electrical Characteristics:</b>																															
<b>Description</b>		Max. Conductor DC Resistance at 20°C (Ω/km) 14.1 Dielectric Strength(kv/min) 2.0																															
Rated Voltage (V) 300 Rated Temperature (°C) 105 Certification Body: UL Flame Test: VW-1 & FT1		<b>Mechanical Characteristics:</b>																															
<b>Application</b>		<b>Test Object</b>																															
For wiring of electrical appliances		<table border="1"> <thead> <tr> <th>Test Material</th> <th>Insulation</th> <th>Jacket</th> </tr> </thead> <tbody> <tr> <td>Before Tensile Strength (Mpa)</td> <td>≥10.3</td> <td>≥10.3</td> </tr> <tr> <td>Aging Elongation (%)</td> <td>≥100</td> <td>≥100</td> </tr> <tr> <td>Aging Condition</td> <td colspan="2">136±2°C x 168 hrs</td> </tr> <tr> <td>After Tensile Strength (Mpa)</td> <td>≥70% of original</td> <td>≥70% of original</td> </tr> <tr> <td>Aging Elongation (%)</td> <td>≥65% of original</td> <td>≥65% of original</td> </tr> </tbody> </table>		Test Material	Insulation	Jacket	Before Tensile Strength (Mpa)	≥10.3	≥10.3	Aging Elongation (%)	≥100	≥100	Aging Condition	136±2°C x 168 hrs		After Tensile Strength (Mpa)	≥70% of original	≥70% of original	Aging Elongation (%)	≥65% of original	≥65% of original												
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<b>Reference Standard</b>		<b>Sample Record</b>																															
UL62, UL1581 & CSA C22.2		Sample No. : Original spec SZ-BD-3616 Rev.:0 Ref. spec No. :																															
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