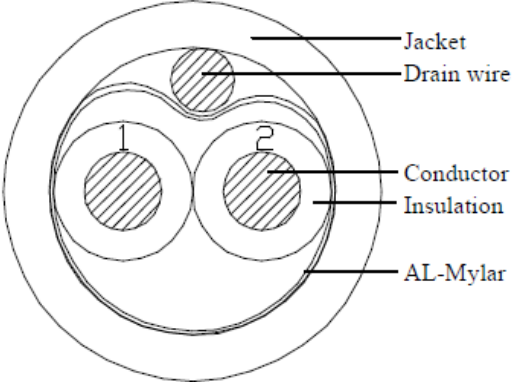




# Product Specification

|  |   |   |                   |
|--|---|---|-------------------|
| <b>Part No.:XB2092623</b>  |   | <b>Color</b>  |                   |
| <b>Cross Section</b>   |   | Insulation:<br>1.Black 2.Natural  |                   |
|   |   | Jacket:<br>per request  |                   |
| <b>Marking</b>   |   | <b>Performance</b>  |                   |
| BELDEN E357312-S 2C18 SHIELDED  AWM STYLE 2092 60C 300V<br>VW-1 --- c  AWM I A 60C 300V FT1 ROHS |   | <b>Electrical Characteristics:</b><br>Max. Conductor DC Resistance at 20°C ( $\Omega$ /km) 25.2<br>Capacitance(pF/ft) (1KHz) Core-Core 24(Nom.)<br>Core-Shield 44(Nom.)<br>Impedance( $\Omega$ ) 60(Nom.)<br>Max. Recommended Current(A) 25°C 5.2 |                   |
| <b>Description</b>   |   | <b>Mechanical Characteristics:</b>  |                   |
| Rated Voltage (V)  | 300   | <b>Test Object</b>  | <b>Jacket</b>     |
| Rated Temperature (°C)   | -20~60                                      | Test Material   | PVC               |
| Product Standard Certification   | UL  | Before Tensile Strength (kgf/mm <sup>2</sup> )  | ≥ 1.05            |
| Flammability Test  | CM  | Aging Elongation (%)  | ≥ 100             |
| <b>Application</b>   | For internal wiring of electronic equipment | Aging Condition (°C)  | 100±2°C X 168 hrs |
| <b>Reference Standard</b>  | The customer's spec. & Per request & UL 758 | After Tensile Strength (Mpa)  | ≥ 70% of original |
|  |   | Aging Elongation (%)  | ≥ 65% of original |
|  |   | Min. Bend Radiu (inch)  | 2.25              |
| <b>Construction</b>  |   | <b>Sample Record</b>  |                   |
| <b>2 Cores</b>   |   | Sample No. :  |                   |
| <b>Conductor</b>   | <b>Stranded Tinned Copper</b>               | Original spec no.:  | Rev.:             |
| AWG  | 18  | Ref. spec No. : SK-B2092-623  | Rev.: 0           |
| Construction   | 16/0.254                                    | <b>Revision History</b>   |                   |
| Stranded Dia. (mm)   | 1.17  |   |                   |
| <b>Insulation</b>  | <b>Solid PE</b>                             |   |                   |
| Min. Thickness (mm)  | 0.38  |   |                   |
| Nom. Thickness (mm)  | 0.49  |   |                   |
| Insulation Dia. (±0.1mm)   | 2.15  |   |                   |
| <b>Assembly</b>  |   |   |                   |
| Direction  | S   |   |                   |
| <b>AL-Mylar shield(Foil out, overlap %)</b>  | ≥ 25%                                       |   |                   |
| <b>Drain wire(between AL and Jacket)</b>   | 16/0.20mm Strand Tinned Copper              |   |                   |
| <b>Jacket</b>  | <b>PVC</b>                                  |   |                   |
| Min. Thickness (mm)  | 0.60  |   |                   |
| Nom. Thickness (mm)  | 0.80  |   |                   |
| Dia. (±0.3mm)  | 5.65  |   |                   |
|  |   | Prepared by: WENDY 2012/11/21 Table No.:T100 Rev.: 0  |                   |
|  |   | Approved by: CICICHENG 2012/11/21 Page 1 of 1   |                   |