

Product Specification



Part No.:	Color				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Cross Section</p> </div> <div style="width: 50%;"> <p>Insulation 1.Black 2.brown 3.red 4.white</p> <p>Jacket Per request</p> </div> </div>					
Performance					
<p>Electrical Characteristics:</p> <table border="0" style="width: 100%;"> <tr> <td>Max. Conductor DC Resistance at 20°C (Ω/km)</td> <td style="text-align: right;">94.20</td> </tr> <tr> <td>Dielectric Strength at 20°C(kV/1min)</td> <td style="text-align: right;">Core*Core 2.0</td> </tr> </table>		Max. Conductor DC Resistance at 20°C (Ω/km)	94.20	Dielectric Strength at 20°C(kV/1min)	Core*Core 2.0
Max. Conductor DC Resistance at 20°C (Ω/km)	94.20				
Dielectric Strength at 20°C(kV/1min)	Core*Core 2.0				
Marking					
<p>BELDEN E357312-S 4C24 SHIELDED AWM STYLE 21294 80C 600V --- c AWM I/II A/B 80C 600V FT2 ROHS</p>					
Description					
Rated Voltage (V)	600				
Rated Temperature (°C)	80				
Product Standard Certification	UL				
Flammability Test	FT2				
The Insulation and Jacket is lead free.					
Application					
For internal wiring and external interconnection of electronic equipment					
Reference Standard					
UL758, UL1581 & CSA C22.2 No.210.2					
Construction					
4C					
Conductor	Stranded Tinned Copper				
AWG	24				
Construction(mm)	19/0.127				
Stranded Dia. (mm)	0.64				
Insulation	PP				
Min. Thickness (mm)	0.29				
Nom. Thickness (mm)	0.38				
Insulation Dia. (±0.08mm)	1.50				
Assembly	4C				
AL-mylar Shield (Overlapping)	>=25%				
Braid	Tinned Copper				
Coverage	90%				
Nonwoven tape wrap(overlapping,%)	>=25%				
Jacket	PU				
Min. Thickness (mm)	0.61				
Nom. Thickness (mm)	0.76				
Dia. (±0.2mm)	5.95				
Mechanical Characteristics:					
Test Object					
Test Material	Jacket PU				
Before	Tensile Strength (Mpa) ≥10.3				
Aging	Elongation (%) 100.0				
Aging Condition (°C)	113±2°C X 168 hrs				
After	Tensile Strength (Mpa) ≥70% of original				
Aging	Elongation (%) ≥65% of original				
Sample Record					
Sample No. :					
Original spec no.:	SZ-B21294-008 Rev.: 1				
Ref. spec No. :	Rev.: 0				
Revision History					
Prepared by:	LINCO 1/24/2019 Table No.:T100 Rev.: 0				
Approved by:	LUCKY 1/24/2019 Page 1 of 1				