

# Product Specification

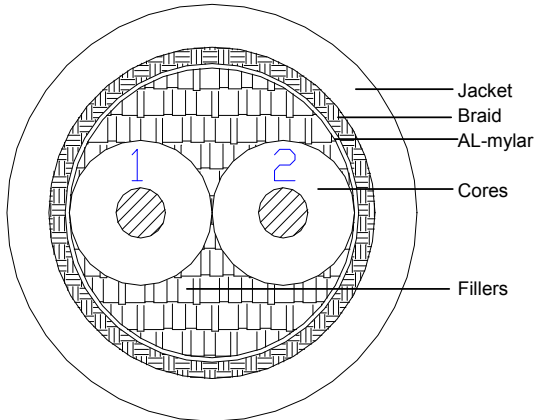
Part No.:XB24645056  
UL 2464 2CX22AWG

Color

**Insulation**  
1.White 2.Brown

**Jacket**  
Per the customer's request

### Cross Section



### Marking

BELDEN E357312-S 2C22 SHIELDED  AWM STYLE 2464  
80C 300V VW-1 --- c  AWM I/II A/B 80C 300V FT1 ROHS

### Description

Rated Temperature (°C)	80
Rated Voltage (V)	300
Product Standard Certification	UL
Stranded tinned copper conductor	
Lead free PVC insulation	
Lead free PVC jacket	
Comply with ROHS	

### Application

For internal wiring or external interconnection of electronic equipment

### Reference Standard

UL 758,UL1581&CSA C22.2No.210.2 & customer's need

### Construction

<b>Conductor</b>	<b>Stranded Tinned Copper</b>
<b>2Cores</b>	<b>2C</b>
AWG	22
Construction (mm)	17/0.16
Stranded Dia. (mm)	0.76(Ref.)
<b>Insulation</b>	<b>SR-PVC(LF)</b>
Min. Thickness (mm)	0.18
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.10mm)	1.28
<b>Twisting</b>	<b>Yes</b>
Direction	S
<b>AL-Mylar shield (overlapping,%)</b>	<b>≥ 25</b>
<b>Braiding shield</b>	<b>Tinned Copper</b>
Coverage (%)	≥ 80%
<b>Jacket</b>	<b>PVC(LF)</b>
Min. Thickness (mm)	0.68
Nom. Thickness (mm)	0.90
Outer Dia. (±0.25mm)	5.00

### Performance

#### Electrical Characteristics

Max. Conductor DC Resistance (Ω/km)	59.4
-------------------------------------	------

#### Mechanical Characteristics

##### Test Object

Test Material	Insulation	Jacket
Before	SR-PVC(LF)	PVC(LF)
Tensile Strength (kg/mm <sup>2</sup> )	≥ 2.11	≥ 1.05
Aging	≥ 100	≥ 100
Elongation (%)	≥ 100	≥ 100
Aging Condition	113±2°C X 168hrs	
After	≥ 70% of original	≥ 70% of original
Tensile Strength	≥ 70% of original	≥ 65% of original
Aging	≥ 70% of original	≥ 65% of original
Elongation		
Flame test	VW-1,FT1	

### Sample Record

Sample No. :	
Original spec no.:	Rev.:
Ref. spec No. : SK-B2464-5056	Rev.: 0

### Revision History

Prepared by:	LINCO	2012/11/26	Table No.:T100	Rev.: 0
Approved by:	CICICHENG	2012/11/26		Page 1 of 1