Product Specification

BELDEN
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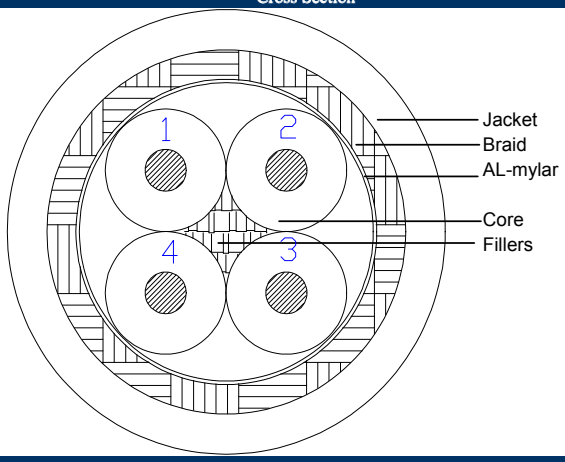
Part No.:XB24645051

UL 2464 4CX18AWG

Cross Section



Marking

BELDEN E357312-S 4C18 SHIELDED AWM STYLE 2464
80C 300V VW-1 - - - c AWM I/II A/B 80C 300V FT1 ROHS

Description

Rated Temperature (℃)	80
Rated Voltage (V)	300
Product Standard Certification	UL

Stranded tinned copper conductor
Lead free PVC insulation
Lead free PVC jacket
Comply with ROHS
Conductor accord IEC60228 Class5

Application

For internal wiring or external interconnection of electronic equipment

Reference Standard

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

Construction

Conductor	**Stranded Tinned Copper**
4Cores	**4C**
AWG	18
Construction (mm)	41/0.16
Stranded Dia. (mm)	1.17(Ref.)
Insulation	**SR-PVC(LF)**
Min. Thickness (mm)	0.18
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.10mm)	1.70
Cabling	**Yes**
Direction	S
AL-Mylar shield (overlapping,%)	**≧25**
Braiding shield	**Tinned Copper**
Coverage (%)	≧80%
Jacket	**PVC(LF)**
Min. Thickness (mm)	0.90
Nom. Thickness (mm)	1.20
Outer Dia. (±0.30mm)	7.10

Color

Insulation

1.White 2.Brown 3.Green 4.Yellow

Jacket

Per the customer's request

22-0306.017

Performance

Electrical Characteristics

Max. Conductor DC Resistance (Ω/km)	23.2

Mechanical Characteristics

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

Sample Record

Sample No. :
Original spec no.: Rev.:
Ref. spec No. : SK-B2464-5051 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

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