

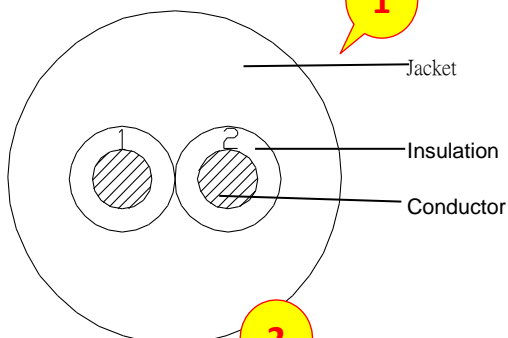
# Product Specification

Part No.:BD-3047

2CX18AWG

Color

## Cross Section



## Marking

BELDEN E357323-S (UL) TYPE SJT 2/C 18AWG 105C 300V VW-1  
 ---C(UL) TYPE SJT 2/C 0.824mm<sup>2</sup>(18AWG) 105C 300V FT1

## Description

Rated Voltage (V) 300  
 Rated Temperature (°C) 105

### Application

For wiring of electrical appliances

### Reference Standard

UL62, UL1581 & CSA C22.2

## Construction

<b>2Cores</b>	
<b>Conductor</b>	<b>Stranded Bare Copper</b>
AWG	18
Construction(mm)	41/0.16
Dia. (mm)	1.18
<b>Insulation</b>	<b>PVC</b>
Min. Thickness (mm)	0.64
Nom. Thickness (mm)	0.79
Insulation Dia. (±0.10mm)	2.77
<b>Assembly</b>	<b>2C</b>
Direction	S
<b>Jacket</b>	<b>PVC</b>
Min. Thickness (mm)	0.74
Nom. Thickness (mm)	0.90
Dia. (±0.25mm)	7.40

**Engineer Review**  
**P/N:RNSK-D-3047**  
**Rev.:0**

### Insulation:

1.Black 2.White

### Jacket:

Per request

外被颜色：黄色

## Performance

### Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km) 24.2

### Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	PVC	PVC
Before Tensile Strength (Mpa)	≥ 10.3	≥ 10.3
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition	136±2°C x 168 hrs	
After Tensile Strength (Mpa)	≥ 85% of original	≥ 85% of original
Aging Elongation (%)	≥ 65% of original	≥ 45% of original

## Sample Record

Sample No. :  
 Original spec no.: Rev.:  
 Ref. spec No. : SK-BD-3047 Rev.0

## Revision History

Prepared by: DIFU 2012/11/15 Table No.:T100 Rev.: 0  
 Approved by: CICICHENG 2012/11/15 Page 1 of 1