

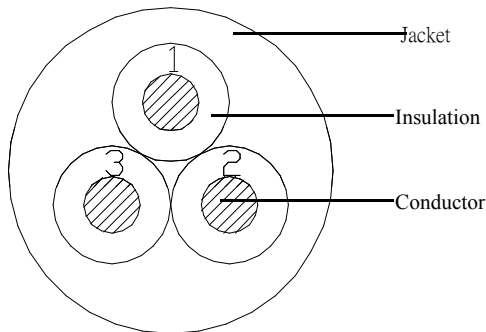
Product Specification



Part No.:BD-3002

3CX18AWG

Cross Section



Marking

BELDEN E357323-S (UL) TYPE SJT 3/C 18AWG 105C 300V
 VW-1 - - -C(UL) TYPE SJT 3/C 0.824mm²(18AWG) 105C 300V FT1 ROHS

Description

Rated Temperature(°C)	105
Rated voltage(V)	300
Product Standard Certification	UL & CSA
Flammability test	UL VW-1 & CSA FT1

Application
 Internal wiring or external interconnection of electronic equipment

Reference Standard
 UL62, UL1581 & CSA C22.2

Construction

3 Cores	
Conductor	Stranded Bare Copper
AWG	18
Construction (mm)	41/0.16
Stranded Dia.	1.18
Insulation	PVC
Min. Thickness (mm)	0.69
Nom. Thickness (mm)	0.81
Insulation Dia. (±0.10mm)	2.80
Cabling	
Direction	S
Jacket	PVC
Min. Thickness (mm)	0.70
Nom. Thickness (mm)	0.90
Dia. (±0.25mm)	7.90

Color

Insulation:
 1.Black 2.White 3.Green

Jacket:
 per request.

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km) 22.4

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	PVC	PVC
Before Tensile Strength (Mpa)	≥ 10.3	≥ 10.3
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	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.: 0
 Ref. spec No. : SK-BD-3002 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