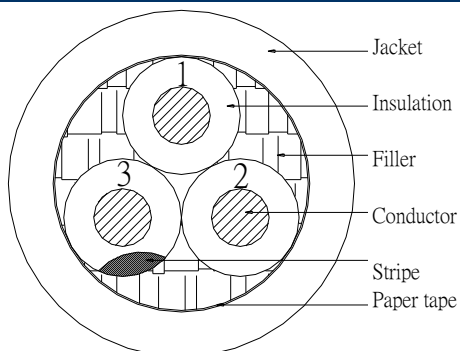


Product Specification

Part No.:BD-627

SJT POWER CABLE

Cross Section



Marking

BELDEN E357323-S (UL) TYPE SJT 3/C 16AWG 105C 300V
VW-1 - - - C(UL) TYPE SJT 3/C 1.31mm²(16AWG) 105C
300V FT1 ROHS

Description

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

Application

For portable hand tools, washing machines, medical equipment and office machines etc.

Reference Standard

UL 62&Per request

Construction

Conductor	Stranded Tinned Copper
3 Cores	
AWG	16
Construction (mm)	54/0.18
Stranded Dia. (mm)	1.52
Insulation	PVC
Min. Thickness (mm)	0.69
Nom. Thickness (mm)	0.79
Insulation Dia. (±0.12mm)	3.10
Cabling	
Construction	3C+Filler
Direction	Z
Paper tape(overlapping,%)	≥25
Jacket	PVC
Min. Thickness (mm)	0.63
Nom. Thickness (mm)	1.05
Outer Dia. (±0.25mm)	8.8

Color

Insulation:

1.Brown 2.Blue 3.Yellow/Green

Jacket

Per request

Performance

Electrical Characteristics (20°C)

Max. Conductor DC Resistance (ohms/km)	14.3
Min. Insulation DC Resistance (Mohms.km)	2.5
Dielectric Strength AC (KV/1min)	2.0+0.2-0(in water)

Mechanical Characteristics

Test Object	Insulation	Jacket
Test Material	PVC	PVC
Before	Tensile Strength (MPa)	≥ 10.3
Aging	Elongation (%)	≥ 100
Aging Condition		136±2°C X 168 hrs
After	Tensile Strength (MPa)	≥ 85%(originality)
Aging	Elongation (%)	≥ 65%(originality)
Migration Test (500gX48hX60C)		No indentation
Flame Test		VW-1

Sample Record

Sample No. :	
Original spec no.:	Rev.:
Ref. spec No. : SK-BD-627	Rev.: 0

Revision History

Prepared by: DIFU	2012/11/17	Table No.:T100	Rev.: 0
Approved by: CICICHENG	2012/11/17		Page 1 of 1