

SPECIFICATION OF SJT AWG 18 x 2C, 105°C

Date : April 05, 2018

Customer : IEWC

1.0 SCOPE

Suitable for indoor application

2.0 TYPE AND RATING

- 2.1 Type : UL SJT AWG 18 x 2C
- 2.2 Rated temperature : 105°C
- 2.3 Rated voltage : 300V

3.0 CONSTRUCTION

3.1 CONDUCTOR

- 3.1.1 Material : Stranded, Annealed Bare Copper (SBR)
- 3.1.2 Diameter of conductor : 41 / 0.160 mm ± 0.005 mm
- 3.1.3 Conductor Resistance : Max. 22.8 Ω/km (at temperature 25°C)

3.2 INSULATION

- 3.2.1 Material : Polyvinyl Chloride (PVC)
- 3.2.2 Average thickness : 0.760 mm
- 3.2.3 Min. thickness : 0.690 mm
- 3.2.4 Overall diameter : 2.70 mm ± 0.15 mm
- 3.2.5 Colour : BLACK and WHITE

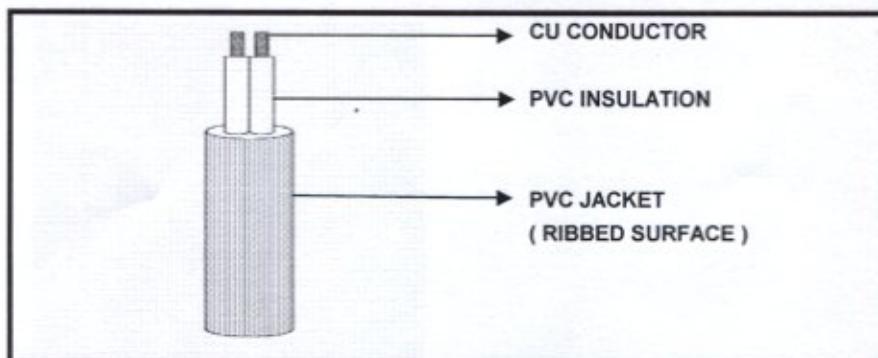
3.3 JACKET

- 3.3.1 Material : Polyvinyl Chloride (PVC)
- 3.3.2 Average thickness : 0.760 mm
- 3.3.3 Min. thickness : 0.610 mm
- 3.3.4 Overall diameter : 7.00 mm ± 0.30 mm
- 3.3.5 Colour : As per customer request

4.0 MARKING

E217996 (UL) SJT VW-1 105°C 300V 2/C 0.823 mm² (AWG 18)
c(UL) SJT FT2 105°C 300V 2/C 18 AWG (0.823 mm²)

5.0 DRAWING



Prepared By QA	Reviewed by,		Approved by Customer
	Engineering	Production	
