

Specification

PVC INSULATED WIRE UL1007 18AWG TD -LF-

Description:

Rate temperature: 80°C

Rate voltage: 300V

Reference standard: UL CSA -F-

Structure:

Conductor:

Size : 18AWG /1C

Construction: 1/1.024mm

Resistance(@20°C,max): 22.2ohm/km

Material: Tinned Annealed Solid Copper

Insulation:

Min Ave Thickness: 0.38mm

Min Any point Thickness: 0.33mm

Core Dia.(+/-mm): 1.94±0.08 mm

Material: PVC

Core Color: Optional

Performance

Physical Character:

Insulation:

(113 ±1.0°C ×168 H) Unaged Aged

Tensile Strength 1500 PSI MIN. 70% Unaged MIN.

Elongation 100 % MIN. 65% Unaged MIN.

Heat Shock Test: No Crack (121 ±2.0°C ×1 H)

Cold Bend Test: No Crack (-10 ±2.0°C ×4 H)

Deformation Test: T2/T1 >50% (121±2.0°C ×1 H)

Flame Test: VW-1

Spark Test: 3000V

Voltage-Withstand Test: 2000V for 1min

Marking:

AWM 1007 18AWG VW-1 80°C 300V E77981
WONDERFUL-D CSA AWM I A FT1 90°C 300V
LL43774 -F- -LF-

The Environmental Statement:

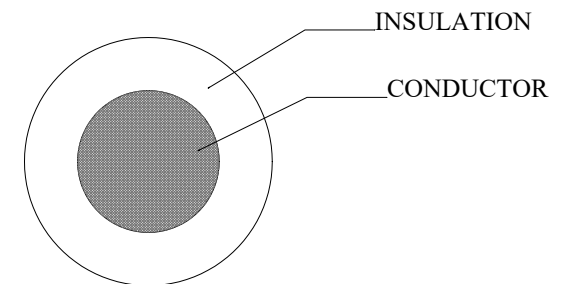
All the parts, materials and products conform to RoHS.

Cd<5ppm,Pb<100ppm.

Remark:

**The direct-current resistance shall be used for
determining conductor size and cross-sectional area.
Please see the section 5.3.4 of UL758.**

Construction Section Drawing



Revised Record

Customer Approve

Signature_____ Date_____

Wonderful Photoelectricity(Dongguan)Co.,Ltd

Part No.	E0718TD009		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2018-12-25
Drawing	Lijiaming	Page	1 of 1