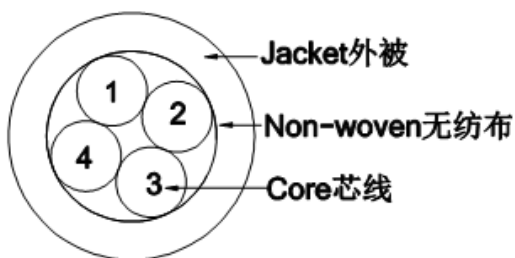


Cross Section



Marking

E148000 ㉑ AWM STYLE 21632 80℃ 300V VW-1 ---
 ㉑ AWM I A 80℃ 300V FT1 -LF- PCXX LTK

Description

Rated Voltage (V) 300
 Rated Temperature (°C) -20~80
 Product Standard Certification UL
 Flammability Test VW-1

Application

Internal wiring

Reference Standard

UL758, UL1581 & CSA C22.2 No. 210

Construction

4 Cores	Stranded Tinned Copper
AWG	24
Construction	7/0.20
Ref. Stranded Dia. (mm)	0.60
Insulation	SR-PVC
Nom. Thickness(mm)	0.23
Insulation Dia. (±0.05mm)	1.10
Cabling	4C
Non-woven(coverage,%)	100
Jacket	NHFR
Nom. Thickness(mm)	0.28
Min. Thickness(mm)	0.20
Cable Dia.(±0.10mm)	3.60

Color

Insulation:

1.Black 2.Red 3.White 4.Green

Performance

Electrical Characteristics:

Dielectric Strength(Kv/min)	2.00
Max.Conductor DC Resistance at 20℃(Ω/km)	94.20

Mechanical Characteristics:

Test Object

Test Material	Jacket
Before Tensile Strength(MPa)	NHFR
Aging Elongation (%)	≥ 13.79
Aging Condition	≥ 125
After Tensile Strength(Mpa)	113±2℃X168 hrs
Aging Elongation (%)	≥ 80% of original
Deformation(100±2℃x1hr)	≥ 65% of original
Cold Bend(-40±2℃x4hrs)	≤ 50%;(2kg)
Heat Shock(121±2℃x1hr)	No crack
	No crack

ZB180065-3

Part No.: B2AB8-0023

Packing: 610M/R CUS:

Ref. spec No.: GD-21632-001 Rev.: 0

Revision History



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- LTK Electric Wire (Changzhou) Ltd • LTK Cable (Chongqing) Ltd
- Dalian LTK Electric Wire Ltd

Prepared by: LWH 18-May-18 Table No.:TFA046 Rev.:7
 Approved by: KAKA 18-May-18 Page 1 of 1

* Usage instruction:

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment. not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales . When customers purchase our products,they should test to verify whether the products is applicable to the usage.