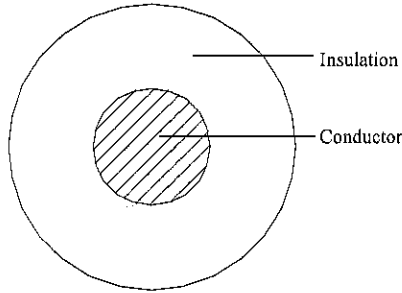


UL 3321 IRRADIATED POLYETHYLENE INSULATED WIRE

Cross Section



Marking

E148000-C AWM STYLE 3321 18AWG 150°C 600V
 ---c AWM I A/B 150°C 600V FT2

Description

Rated Voltage (V)	600
Rated Temperature (°C)	150
Product Standard Certification	UL
Flammability Test	FT2

Application

For use as motor leads or internal wiring of appliances

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

1 Cores

Conductor	Stranded Tinned Copper
AWG	18
Construction	16/0.254
Stranded Dia. (mm)	1.17
Insulation	XL-PE
Min. Thickness (mm)	0.69
Nom. Thickness (mm)	0.81
Insulation Dia. (±0.1mm)	2.79

Color

Available colors from:

Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
 Gray / White / Light Blue / Pink / Light Green / Light Gray

Part No.:

Ref. spec No : SK-3321-605

Rev.: 1

Revision History

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (ohms/km)	21.4
Min. Insulation DC Resistance (Mohms.km)	50

Mechanical Characteristics:

Test Object

Test Material

Insulation

XL-PE

Before	Tensile Strength (Mpa)	≥ 10.35
Aging	Elongation (%)	≥ 150

Aging Condition

180±2°C x 168 hrs

After	Tensile Strength (Mpa)	≥ 70% of original
Aging	Elongation (%)	≥ 65% of original



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A Belden Company

- LTK Electric Wire (Huizhou) Ltd.
- LTK Industries (Suzhou) Ltd.

- Dalian LTK Electric Wire Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared by: ZhuXiaolei 4-Aug-04 Form No.:TFA046

Form Rev.: 4

Approved by: CICI 4-Aug-04

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