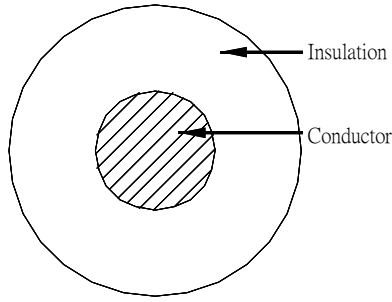


UL 3385 IRRADIATED POLYETHYLENE INSULATED WIRE

Cross Section



Marking

E148000 AWM STYLE 3385 24AWG 105C 300V VW-1 - - -
 AWM I A 105C 300V FT1 -F- -HF- -LF- PCXX LTK

Description

Rated Voltage (V)	300
Rated Temperature (°C)	105
Product Standard Certification	UL
Flammability Test	VW-1,FT1

Application

For use as motor leads or internal wiring of appliances

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

1Core	
Conductor	Stranded Tinned Copper
AWG	24
Construction	7/0.20
Stranded Dia. (mm)	0.60
Insulation	NHFR
Min.. Thickness (mm)	0.33
Nom. Thickness (mm)	0.40
Insulation Dia. (±0.08mm)	1.40

Color

Available colors from:
 Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
 Gray / White / Light Blue / Pink / Light Green / Light Gray

Ref. spec No. : SK-3385-606 Rev.: 0

Revision History

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (ohms/km)	88.9
Dielectric (KV/min)	2.0(water)
(KV/0.15s)	5.0(air)
Min.Insulation Resistance at 20°C(Mohm*KM)	50.0

Mechanical Characteristics:

Test Object

Test Material		Insulation
		NHFR
Before Tensile Strength (Mpa)		>=10.3
Aging Elongation (%)		>=150
Aging Condition		136±2°C x 168 hrs
After Tensile Strength (Mpa)		>=70% of original
Aging Elongation (%)		>=45% of original
Heat curl(136°Cx1hr)		no crack
Low curl(-10°Cx1hr)		no crack
Heat deformation test(136°Cx1hr)		<=50%
ROHS Complicant		



LTK WIRING CO. LTD.

7/F Harbour View 2, 16 Science Park East Avenue
 Hong Kong Science Park, Shatin, Hong Kong

A BELDEN COMPANY

Tel: (852) 2382 1133 Fax: (852) 2480 6327
 Email: sales@ltkcable.com URL: http://www.ltkcable.com

- LTK Electric Wire (Huizhou) Ltd.
- Dalian LTK Electric Wire Ltd.
- LTK Industries (Suzhou) Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared by: AUSTIN 1-Nov-04 Table No.:TFA046 Form Rev.: 4
 Approved by: CICI 1-Nov-04 Page 1 of 1