



**Color**

**Insulation:**  
**Cores**  
 1.Black 2.Red

**Jacket:**  
 according to customers' requirement

**Marking**

E154336 (UL) CMG 22AWG 75°C ---  
 AWM STYLE 2095 22AWG 80°C 300V VW-1 ---  
 AWM I A/B 80°C 300V FT4 -LF- PCXX **LTK**

**Performance**

**Electrical Characteristics:**

Dielectric Strength (kV/min)	2.00
Max. DC Resistance at 20°C(Ω/km)	57.40

**Description**

Rated Voltage (V)	300
Rated Temperature(°C)	75
Product Standard Certification	UL
Flammability Test	CMG

**Application**  
 Internal wiring of electronic equipment and appliances

**Reference Standard**  
 UL444,UL758 & UL1581

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Jacket</b>
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
Aging Condition (°C)	100±2°C x 240hrs
After Tensile Strength (Mpa)	≥ 85% of original
Aging Elongation (%)	≥ 50% of original

**Construction**

<b>1 Pairs</b>	<b>Stranded Tinned Copper</b>
AWG	22
Construction	7/0.254
Stranded Dia.(mm)	0.76
<b>Insulation</b>	<b>PVC</b>
Nom. Thickness(mm)	0.38
Insulation Dia.(±0.15mm)	1.58
<b>Cores Twisted</b>	<b>2C</b>
Al-mylar(coverage,%)	100
<b>Drain Wire</b>	<b>Stranded Tinned Copper</b>
Construction	7/0.254
<b>Braid shield</b>	<b>Tinned Copper</b>
Construction(mm)	0.12
Coverage(%)	≥ 85%
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness(mm)	0.38
Min. Thickness(mm)	0.30
<b>Cable Dia.(±0.20mm)</b>	<b>4.90</b>

**Part No.:** -----

Ref. spec No.: SK-CM-102 Rev.: 0

**Revision History**

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**LTK INTERNATIONAL LIMITED**  
 Suite 502, Concordia Plaza, 1 Science Museum Road  
 Tsimshatsui East, Kowloon, Hong Kong  
 Tel : (852) 2382 1133 Fax : (852) 2480 6327  
 Email : sales@ltkable.com URL : www.ltkable.com

• LTK Electric Wire (Huizhou) Ltd • Huizhou LTK Electronic Cable Ltd  
 • LTK Electric Wire (Jintan) Ltd • LTK Cable (Chongqing) Ltd  
 • Dalian LTK Electric Wire Ltd

Prepared by: LIMF 19-Feb-14 Table No.:TFA046 Rev.:6  
 Approved by: KAKA 19-Feb-14 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