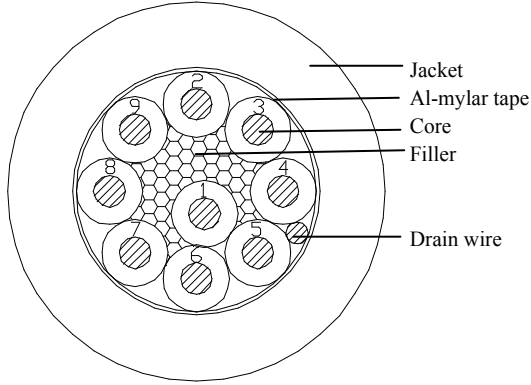


**UL 20276 LOW VOLTAGE COMPUTER CABLE**

**Cross Section**



**Color**

**Insulation:**

1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green 7.Blue 8.Violet 9.Gray

**Jacket:**

Per Request

**Marking**

E148000 AWM STYLE 20276 80°C 30V VW-1 - - -  
 c AWM I/II A/B 80°C 30V FT1 PCXX

**Description**

Rated Voltage (V)	30
Rated Temperature (°C)	80
Product Standard Certification	UL
Flammability test	VW-1

**Application**

For internal wiring or external wiring systems equipment and electronic equipment

**Reference Standard**

UL758, UL1581 & CSA C22.2 No. 210.2

**Construction**

<b>9 C</b>	
<b>Conductor</b>	Stranded Tinned Copper
AWG	28
Construction (mm)	7/0.127
Stranded Dia.	0.38
<b>Insulation</b>	<b>SR-PVC</b>
Min. Thickness (mm)	0.17
Nom. Thickness (mm)	0.21
Insulation Dia. (±0.06mm)	0.80
<b>Assembly</b>	9C+Filler
Direction	S
Drain wire	7/0.127mm Stranded Tinned Copper
<b>AL-mylar Shield (Coverage,%)</b>	<b>&gt;=25%</b>
<b>Jacket</b>	<b>PVC</b>
Min. Thickness (mm)	0.75
Nom. Thickness (mm)	1.00
Dia. (±0.15mm)	4.90

**Performance**

**Electrical Characteristics:**

Max. Conductor DC Resistance at 20°C (Ω/km)	223.8
Dielectric Strength (v/1min)	500

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Insulation</b>	<b>Jacket</b>
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥ 20.7	≥ 10.3
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	113±1°C X 168 hrs	113±1°C X 168 hrs
After Tensile Strength (Mpa)	≥ 70% of original	≥ 70% of original
Aging Elongation (%)	≥ 70% of original	≥ 65% of original

**Sample No:**

Ref. spec No.: SK-20276-788 Rev.: 0

**Revision History**



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A BELDEN COMPANY

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

製做: Sophora 16-May-05 Table No.: TFA046 Form Rev.: 4  
 審核: CICI 16-May-05 Page 1 of 1