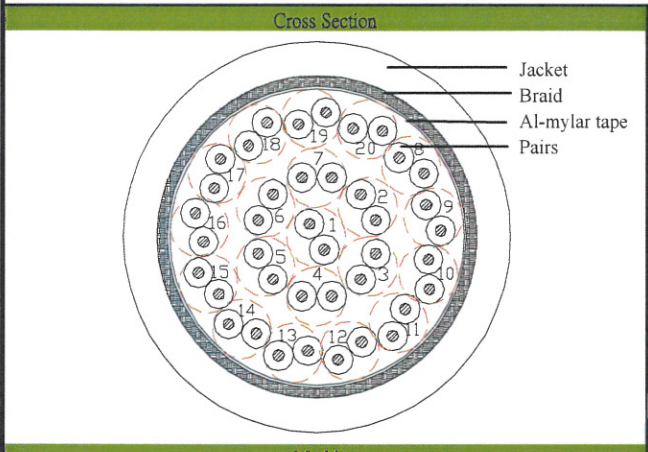


UL 20276 LOW VOLTAGE COMPUTER CABLE



Color

Insulation:
 1.Black-White 2.Brown-Brown/White 3.Red-Red/White 4.Orange-Orange/White
 5.Yellow-Yellow/White 6.Green-Green/White 7.Blue-Blue/White 8.Violet-Violet/White
 9.Gray-Gray/White 10.Pink-Pink/White 11.Brown-Brown/Black
 12.Red-Red/Black 13.Orange-Orange/Black
 14.Yellow-Yellow/Black 15.Green-Green/Black 16.Blue-Blue/Black
 17.Violet-Violet/Black 18.Gray-Gray/Black
 19.Pink-Pink/Black 20.Red-Yellow
 Note:Brown/white means brown is the base color, white is the stripe color

Jacket:
 Per Request

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

Performance

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

Electrical Characteristics:

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

Construction

20P	
Conductor	Stranded Tinned Copper
AWG	28
Construction (mm)	7/0.127
Stranded Dia.	0.38
Insulation	SR-PVC
Min. Thickness (mm)	0.17
Nom. Thickness (mm)	0.21
Insulation Dia. (±0.06mm)	0.80
Twist	2C
Direction	S
Assembly	20P
Direction	S
AL-mylar Shield (Coverage,%)	>=25%
Braid	Tinned Copper
Construction(mm)	24/8/0.12
Coverage(%)	>=80
Jacket	PVC
Min. Thickness (mm)	0.60
Nom. Thickness (mm)	0.80
Dia. (±0.30mm)	9.00

Mechanical Characteristics:

Test Object	Insulation	Jacket
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:

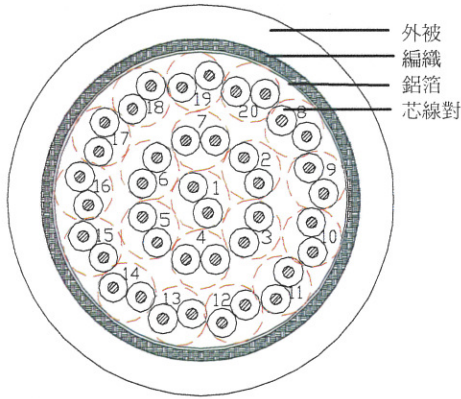
Ref. spec No.: SK-20276-795 Rev.: 0

Revision History

A BELDEN COMPANY

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

截面圖



印字內容

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

描述

額定電壓(V)	30
額定溫度(°C)	80
產品認證	UL
燃燒測試	VW-1
應用	電器設備內外部連接線

參考標準

UL758, UL1581 & CSA C22.2 No. 210.2

結構

20P	
導體	鍍錫絞合軟銅線
線規	28
結構(mm)	7/0.127
絞合線徑(mm)	0.38
絕緣	SR-PVC
最薄厚度(mm)	0.17
標準厚度(mm)	0.21
絕緣線徑. (±0.06mm)	0.80
對絞	2C
方向	S
成纜	20P
方向	S
鋁箔屏蔽(重疊率,%)	>=25%
編織	鍍錫軟銅線
結構(mm)	24/8/0.12
密度(%)	>=80
外被	PVC
最薄厚度(mm)	0.60
標準厚度(mm)	0.80
外徑. (±0.30mm)	9.00

顏色

絕緣		顏色		顏色	
對數	編號	芯1	芯2	對數	編號
1	1	黑	白	11	11
2	2	棕	棕/白	12	12
3	3	紅	紅/白	13	13
4	4	橙	橙/白	14	14
5	5	黃	黃/白	15	15
6	6	綠	綠/白	16	16
7	7	藍	藍/白	17	17
8	8	紫	紫/白	18	18
9	9	灰	灰/白	19	19
10	10	粉紅	粉紅/白	20	20

注:棕/白標示棕色為本色,白色為間色

外被:

按要其

性能

電氣性能	
20°C最大導體電阻(Ω/km)	223.8
耐電壓(v/1min)	500

物理機械性能

測試對象	絕緣	外被
測試材料	SR-PVC	PVC
老化前 抗張(Mpa)	≥20.7	≥10.3
伸長(%)	≥100	≥100
老化條件(°C)	113±1°C X 168 hrs	113±1°C X 168 hrs
老化後 抗張(Mpa)	≥70% 原始值	≥70% 原始值
伸長(%)	≥70% 原始值	≥65% 原始值

樣品編號:

規格編號: SK-20276-795 版本: 0

修訂紀錄



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