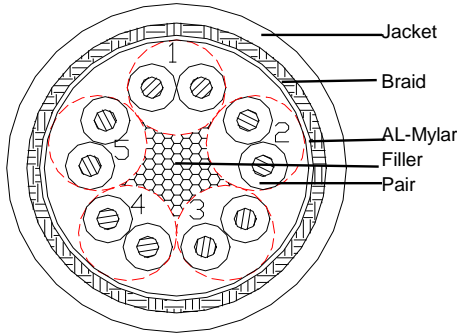


UL 20276 MULTI-CONDUCTOR CABLE

Cross Section



Color

Insulation:

1.white*brown 2.green*yellow 3.gray*pink 4.blue*red 5.black*violet

Jacket

Per request

Marking

E148000 AWM STYLE 20276 80°C 30V VW-1 ---
 c AWM I/II A/B 80°C 30V FT1 -LF- 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 of Class 2 systems equipment and electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No. 210.2

Construction

5 Pairs	
Conductor	Stranded Tinned Copper
AWG	26
Construction (mm)	19/0.10
Stranded Dia. (mm)	0.50
Insulation	SR-PVC
Min. Thickness (mm)	0.16
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.06mm)	0.90
Pair Twist (Direction)	S
Assembly	5P+Filler
Direction	S
ALT tape(Overlap,%)	>=25%
Braid Shield	16/8/0.10mm Tinned Copper
Coverage (%)	80%
Jacket	PVC
Min. Thickness (mm)	0.55
Nom. Thickness (mm)	0.73
Dia.(±0.20mm)	5.70

Performance

Electrical Characteristics (20°C)

Max. Conductor DC Resistance (Ω/km)	150
Dielectric strength(AC V/1min)	500

Mechanical Characteristics

Test Object		insulation	Jacket
Test Material		SR-PVC	PVC
Before	Tensile Strength (kg/mm ²)	≥2.11	≥1.05
Aging	Elongation (%)	≥100	≥100
Aging Condition		113±2°C X 168 hrs	
After	Tensile Strength	≥70% of original	≥70% of original
Aging	Elongation	≥70% of original	≥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.

Ref. spec No. : SZ-20276-2960 Rev.:0

Revision History

Prepared by wendy 3-Dec-10 Table No.:TFA046 Form Rev.: 4
 Approved by CICI 3-Dec-10 Page 1 of 1