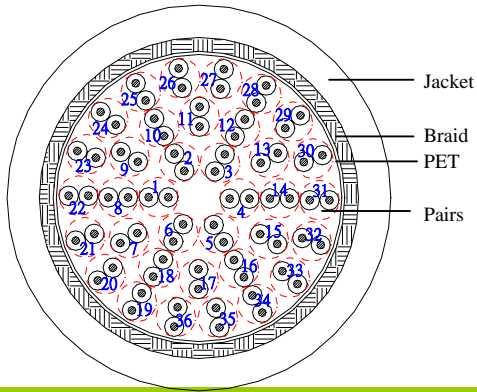


UL 20276 36PX26AWG CONTROL CABLE

Cross Section



Color

Pairs:

- 1.white*^tbrown 2.yellow*green 3.pink*gray 4.blue*red 5.black*violet
- 6.White/black*^tbrown/black 7.yellow/black*green/black 8.pink/black*gray/black
- 9.blue/black*red/black 10.white/brown*violet/black 11.yellow/brown*green/brown
- 12.pink/brown*gray/brown 13.blue/brown*red/brown 14.black/brown*violet/brown
- 15.white/green*brown/green 16.pink/green*gray/green 17.blue/green*red/green
- 18.black/green*violet/green 19.yellow/green*blue/red 20.white/red*brown/red
- 21.yellow/red*green/red 22.pink/red*gray/red 23.black/red*violet/red 24.white/blue*brown/blue
- 25.yellow/blue*green/blue 26.pink/blue*gray/blue 27.black/blue*violet/blue
- 28.brown/white*red/blue 29.yellow/white*green/white 30.pink/white*gray/white
- 31.blue/white*red/white 32.black/white*violet/white 33.white/violet*brown/violet
- 34.yellow/violet*green/violet 35.pink/violet*gray/violet 36.blue/violet*red/violet

Jacker:

Per request

Marking

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

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km)	150
Min. Insulation DC Resistance(MΩ.km)	10
Dielectric Strength(kV/min)	0.5

Description

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

Application

For internal wiring and external interconnection of electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

36 Pairs	
Conductor	Stranded Tinned Copper
AWG	26
Construction	18/0.10
Stranded Dia. (mm)	0.49
Insulation	SR-PVC
Min. Thickness (mm)	0.20
Nom. Thickness (mm)	0.25
Insulation Dia. (±0.08mm)	1.00
Twist	<=25
Direction	S
Assembly	
Direction	S
PET wrap (overlapping)	≥25%
Braid	Tinned Copper
Construction(mm)	24/9/0.12
Coverage	≥70%
Jacket	PVC
Min. Thickness (mm)	0.94
Nom. Thickness (mm)	1.18
Dia. (±0.4mm)	14.3

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)	100±2°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-20276-3043 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.

Prepared by: WANGXJ 20-Sep-10 Form No.:TFA046 Form Rev.: 4
 Approved by: CICI 20-Sep-10 Page 1 of 1