



Marking
E148000 AWM STYLE 20276 80°C 30V VW-1 -LF- PCXX LTK

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

Construction		
Stranded Tinned Copper		
20 cores	5P	10C
AWG	30	30
Construction (mm)	7/0.10	7/0.10
Stranded Dia. (mm)	0.3	0.3
Insulation		
Nom. Thickness (mm)	0.14	0.14
Insulation Dia. (±0.05mm)	0.58	0.58
Cores Twists Pairs (mm)	1.16	---
Cores assembly (mm)	Nom.3.5	
Al-foil shield (over lapping, %)	≥25	
Drain wire		
Stranded Tinned Copper		
Construction (mm)	7/0.10	
Braid Shield		
Tinned Copper		
Construction (mm)	16/8/0.10	
Coverage area (%)	≥ 85%	
Jacket		
PVC		
Nom. Thickness (mm)	0.50	
Min. Thickness (mm)	0.43	
Outer Dia. (±0.20mm)	5.20	
Weight (kg/km)	---	

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Par No. : HZAB0-0483

Customer Name: _____

Ref. spec No. : GD-20276-2528 Rev.: 0

Revision History

Color

Cores Insulation :

Cores A:
1.Black-White/Black 2.Red-White/Red 3.Green-White/Green
4.Brown-White/Brown 5.Orange-White/Orange

Cores B:
6.Black 7.Brown 8.Red 9.Orange 10.Yellow 11.Green
12.Blue 13.Violet 14.Gray 15.White

Jacket:
According to the customer's requirements.

Performance

Electrical Characteristics:

Dielectric Strength (kV/min)	0.5
Max. DC Resistance at 20°C (Ω/km)	381.0
Impedance (Ω)	A: 100+/-15

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Aging Tensile Strength (Mpa)	≥ 10.35
Elongation (%)	≥ 100
Aging Condition (°C)	113±2°C x 168hr
After Aging Tensile Strength (Mpa)	≥ 70% of original
Elongation (%)	≥ 65% of original



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Prepared by: ADACHEN 2010.12.21 Table No.:TFA046 Form Rev.: 7
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* 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.