

**CHARACTER:**

**1. Physical performance**

**a. excellent mechanical properties:**

Tensile strength ≥ 10.3MPa, elongation at break ≥ 100%

After aging:

Condition: 136 ± 1.0°C / 168H

Tensile strength residual rate ≥ 70% elongation at break ≥ 65%

**b. Flame retardancy:** VW-1, vertical combustion, burning 5 times, each

time 15S, any residual flame is not more than 60S

**c. Low temperature bending:** -10°C ± 2°C/4H, no crack on the surface

of the sample is qualified

**2. Electrical Properties**

a. rated temperature: 105°C rated voltage: 300V

b. Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 3KV

c. dielectric withstand voltage: 2.0KV, 60 seconds without breakdown

**3. Processing properties**

a. Using the hot extrusion processing

b. Can be twisted pair and multi-core

c. Good processing properties Harness

d. Harness processing process good compatibility

e. According to UL standard design

**4. Environmental protection**

a. ROHS/REACH compliant

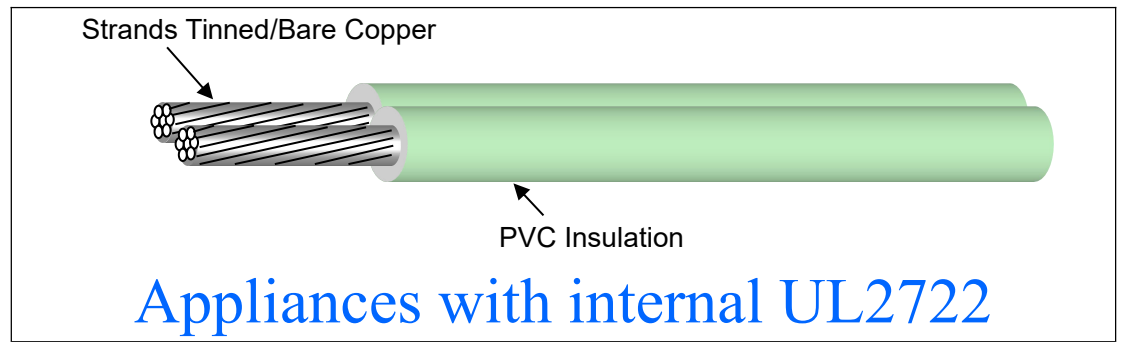
**SHOULD BE USED:**

Internal wiring of appliances

**REFERENCE:**

UL758-2010、UL1581-2009

**Outline:**



**Wire structure description:**

Conductor: Tinned /Bare copper ;

Insulation materials: PVC Insulation

Appliances with internal , No more than 105 °C temperature of conductor occasion

Rated temperature: 105°C Rated voltage: 300V

STYLE	Cores No.	SIZE AWG	Conductor construction (No./mm) ±0.005	Conductor resistance 20°C (Ω/Km)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)
						Nom.	Min.	
2722	2	26	7/0.16	150.00	0.48	0.40	0.33	1.28±0.10× 2.66±0.20
	2	24	7/0.20	94.20	0.61	0.40	0.33	1.41±0.10× 2.90±0.20
	2	24	11/0.16	94.20	0.61	0.40	0.33	1.41±0.10× 2.90±0.20
	2	22	7/0.254	59.40	0.76	0.40	0.33	1.56±0.10× 3.22±0.20
	2	20	21/0.18	36.70	0.95	0.40	0.33	1.75±0.10× 3.60±0.20
	3	26	7/0.16	150.00	0.48	0.40	0.33	1.28±0.10× 4.05±0.20
	3	24	11/0.16	94.20	0.61	0.40	0.33	1.41±0.10× 4.45±0.20
	3	22	17/0.16	59.40	0.76	0.40	0.33	1.56±0.10× 4.88±0.20
	3	20	21/0.18	36.70	0.95	0.40	0.33	1.75±0.10× 5.45±0.20
	4	26	7/0.16	150.00	0.48	0.40	0.33	1.28±0.10× 5.42±0.20
	4	24	11/0.16	94.20	0.61	0.40	0.33	1.41±0.10× 5.95±0.20
	4	22	17/0.16	59.40	0.76	0.40	0.33	1.56±0.10× 6.55±0.20
4	20	21/0.18	36.70	0.95	0.40	0.33	1.75±0.10× 7.30±0.20	

**Marking:** E211048 AWM STYLE 2722 NO. AWG 105°C 300V VW-1 PVC QIFURUI AWM I A 105°C 300V FT1 -LF-

**SAE COLOR SERIES**

* STOCK COLOR CHART				
00-黑色	01-白色	02-红色	03-黄色	04-绿色
05-蓝色	06-棕色	07-灰色	08-橙色	09-紫色

**PACKAGE**

*PACKAGE			
Cores No.	Packing- Ft/roll		
2~4 芯	<input type="checkbox"/> 100Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft

According to customer requirements for packaging packaging