

型号:UL1569 2-30AWG

绝缘材料: 聚氯乙烯绝缘

characteristic:

1.physical property

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Good low temperature softness
- d、Good fire resistance
- e、High chemical resistance
- f、Good chemical stability
- g、Good resistance to high temperature of fluid engine
- h、Excellent thermal shock resistance

2.Electrical performance

- a、Good electrical insulation
- b、Good dielectric properties

3.Processability

- a、Using hot extrusion process
- b、Can be twisted pair and multi-core stranded
- c、design according to UL
- d、Good wire harness processing performance
- e、Good compatibility in the processing of wire harness

4.environmental protection

- a、accord with ROHS/REACH

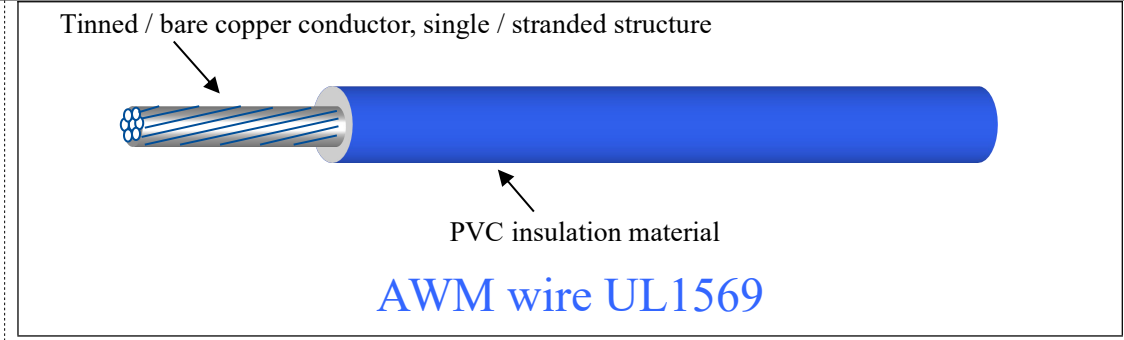
Application:

General commercial electronic, electronic and electrical equipment and instruments internal connecting wire.

Reference standards:

UL758-2010、UL1581-2009

Packing				
size	Packing method- Ft/roll			
2-5AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
6-8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
10-14AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
16-30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
Customized according to your needs				



Structure description:
 Conductor structure: Tinned / bare conductor
 Insulation material: PVC insulation

For internal wires of electrical appliances, AWM wire when the conductor temperature does not exceed 105 °C
 Rated temperature: 105 °C rated voltage: 300V

model	size AWG	Conductor structure (branch/mm) ±0.005	20°C Conductor maximum resistance (Ω/Km)	Conductor diameter (mm)	Insulation thickness(mm)		overall diameter (mm)	
					average value	Min value	average value	tolerance
1569	2	7/95/0.254	0.555	8.58	0.80	0.69	10.20	±0.20
	3	7/76/0.254	0.700	7.67	0.80	0.69	9.27	±0.20
	4	7/60/0.254	0.882	6.82	0.80	0.69	8.42	±0.15
	5	7/46/0.254	1.113	5.97	0.80	0.69	7.57	±0.15
	6	7/38/0.254	1.403	5.41	0.80	0.69	7.00	±0.15
	7	7/30/0.254	1.768	4.82	0.80	0.69	6.42	±0.15
	8	168/0.254	2.230	3.80	0.80	0.69	5.40	±0.15
	10	105/0.254	3.54	3.00	0.50	0.45	4.00	±0.15
	12	65/0.254	5.64	2.40	0.50	0.45	3.36	±0.15
	14	19/0.374	8.96	1.88	0.50	0.45	2.90	±0.15
	14	41/0.254	8.96	1.88	0.50	0.45	2.90	±0.15
	16	26/0.254	14.60	1.50	0.40	0.33	2.30	±0.1
	18	34/0.18	23.20	1.21	0.40	0.33	2.00	±0.1
	18	16/0.254	23.20	1.17	0.40	0.33	1.95	±0.1
	18	41/0.16	23.20	1.18	0.40	0.33	1.95	±0.1
	18	1/1.02	23.20	1.02	0.40	0.33	2.00	±0.1
	20	21/0.18	36.70	0.95	0.40	0.33	1.75	±0.1
	20	1/0.813	35.20	0.813	0.40	0.33	1.61	±0.1
	20	7/0.30	36.70	0.92	0.40	0.33	1.75	±0.1
	22	7/0.254	59.40	0.77	0.40	0.33	1.56	±0.1
22	17/0.16	59.40	0.76	0.40	0.33	1.56	±0.1	
24	11/0.16	94.20	0.61	0.40	0.33	1.41	±0.1	
24	1/0.51	94.20	0.51	0.40	0.33	1.31	±0.1	
24	7/0.20	94.20	0.61	0.40	0.33	1.41	±0.1	
26	19/0.1	150.00	0.50	0.40	0.33	1.30	±0.1	
26	7/0.16	150.00	0.48	0.40	0.33	1.28	±0.1	
28	7/0.127	239.00	0.38	0.40	0.33	1.18	±0.1	
30	7/0.10	381.00	0.31	0.40	0.33	1.11	±0.1	

Diameter tolerance of single stranded conductor ± 0.005mm;
 diameter tolerance of solid conductor ± 0.01mm

Mark on wire: E211048 AWM STYLE 1569 NO. AWG 105°C 300V VW-1 PVC QIFURUI AWM I A 105°C 300V FT1 -LF-
 OR: E211048 AWM STYLE 1569 NO. AWG 105°C 300V VW-1 PVC QIFURUI 221756 CSA AWM I A 105°C 300V FT1 -LF-

SAEColor board

*color list				
00-BLA	01-WH	02-RE	03-YE	04-GR
05-BL	06-BR	07-GR	08-OR	09-PU