

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

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

4.environmental protection

- a、Low smoke and halogen-free
- b、accord with ROHS/REACH

application:

AWM, Internal wiring of equipment

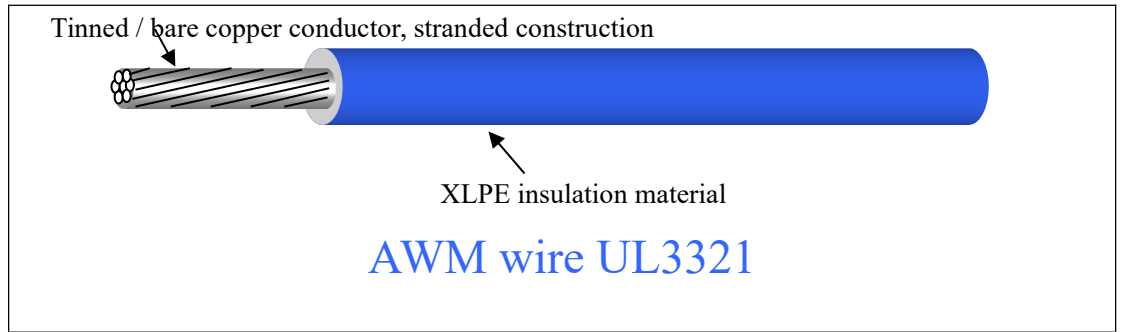
Reference standards:

UL758-2010、UL1581-2009

packing

*packing				
size	Packing method- Ft/roll			
10AWG	<input type="checkbox"/> 200Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
11~16AWG	<input type="checkbox"/> 200Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18~30AWG	<input type="checkbox"/> 200Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft

Also can customized



Structure description:

Conductor structure: Tinned / bare conductor

Insulation material: polyethylene insulation XLPE

Internal wiring of equipment, polyethylene insulated wire with conductor temperature not exceeding 150 °C
 Rated temperature: 150 °C rated voltage: 600V

model	size AWG	Conductor structure (branch/mm)	Conductor resistance 20°C (Ω/Km)	Conductor diameter (mm)	Insulation thickness (mm)		overall diameter (mm)	
					average value	Min value	average value	tolerance
3321	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	11	82/0.254	4.48	2.66	0.80	0.69	4.26	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	12	1/2.05	5.64	2.05	0.80	0.69	3.65	±0.15
	13	52/0.254	7.10	2.12	0.80	0.69	3.72	±0.15
	14	41/0.254	8.96	1.92	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.1
	18	7/0.39	23.20	1.19	0.80	0.69	2.80	±0.1
		34/0.18	23.20	1.21	0.80	0.69	2.80	±0.1
		41/0.16	23.2	1.18	0.80	0.69	2.78	±0.1
		16/0.254	23.20	1.18	0.80	0.69	2.75	±0.1
		1/1.02	22.20	1.02	0.80	0.69	2.62	±0.1
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.1
		26/0.16	36.70	0.94	0.80	0.69	2.55	±0.1
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.1
	22	7/0.254	59.40	0.76	0.80	0.69	2.35	±0.1
	22	1/0.65	56.40	0.65	0.80	0.69	2.25	±0.1
	24	1/0.51	89.30	0.51	0.80	0.69	2.10	±0.1
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.1
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.1
28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.1	
30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.1	

Mark on wire: E211048 AWM STYLE 3321 NO.AWG 150°C 600V XLPE QIFURUI
 c AWM I A 150°C 600V FT2 -LF-
 E211048 AWM STYLE 3321 NO.AWG 150°C 600V VW-1 XLPE QIFURUI c
 AWM I A 150°C 600V FT2 -LF-
 OR: E211048 AWM STYLE 3321 NO. AWG 150°C 600V XLPE QIFURUI 221756
 CSA AWM I A 150°C 600V FT2 -LF-

SAE Color board

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