

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties:
Tensile strength > 16.5MPa; Elongation percent > 120%
- b、Excellent thermal aging:
232°C 168h, Tensile strength retention rate > 85%, Elongation rate of residual > 85%
- c、Good flame retardancy:
VW-1
- d、Good Cold bend capacity:
-10°C, 4h, No crack.

2.Electrical Properties

- a、Good Electrical insulation :
Rated Voltage 600V; Spark pressure 6000V, The test pressure 2000V.
- b、conductor can support various structures:
Silver-plated/Nickel-plated/tinned/bare copper conductor

3.Environmental protection

- a、ROHS/REACH compliant

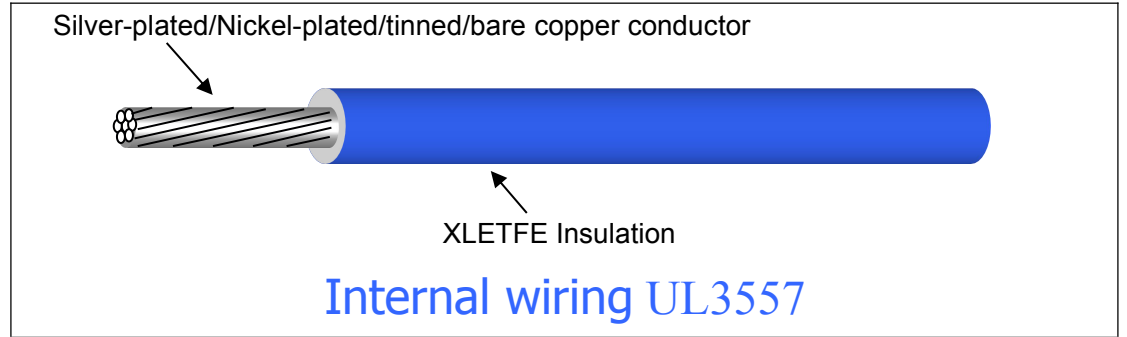
SHOULD BE USED:

For general purpose internal wiring of electronic Appliances where exposed to temperatures not Exceeding 200C.

REFERENCE:

UL758-2014、UL1581-2009

Outline:



Wire structure description:

Conductor: Silver-plated/Nickel-plated/tinned/bare copper conductor
Insulation materials: XLETFE Insulation

Conductor temperature not over 200°C XLETFE insulated wire
Rated temperature: 200°C rated voltage: 600V

STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom	Min	Mon	Tol
3557	10	37/0.42	3.54	2.94	0.30	0.18	3.54	±0.15
	12	19/0.50	5.64	2.50	0.30	0.17	3.10	±0.15
	14	19/0.361	8.96	1.81	0.20	0.15	2.21	±0.10
	16	19/0.287	14.60	1.44	0.20	0.14	1.84	±0.10
	18	19/0.235	23.20	1.18	0.20	0.14	1.58	±0.10
	20	19/0.19	36.70	0.95	0.20	0.14	1.35	±0.10
	22	19/0.15	59.40	0.75	0.18	0.14	1.11	±0.10
	24	19/0.12	94.20	0.60	0.18	0.14	0.96	±0.10
	26	19/0.1	150.00	0.50	0.18	0.14	0.86	±0.10
	28	7/0.127	239.00	0.38	0.18	0.14	0.74	±0.10
30	7/0.10	361.00	0.30	0.18	0.14	0.66	±0.10	

OD of single strand 0.5mm ± 0.005mm, OD of single strand 0.5mm ± 0.01mm.
30-28AWG not available bare copper or tinned

Marking : E211048 AWM STYLE 3557 NO.AWG 200°C 600V VW-1 XLETFE QIFURUI -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*Packing- FT/roll				
Part No..	包装方式- FT/roll			
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	

According to customer requirements for packaging packaging