

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、high of resistance to chemicals
- f、Chemistry stability is good

2.Electrical Properties

- a、Electrical insulation good
- b、Good the dielectric properties

3.Processing properties

- a、Using the hot extrusion processing
- b、Can be twisted pair and multi-core
- c、According to UL standard design

4.Environmental protection

- a、low smoke, non-halogen
- b、ROHS/REACH compliant

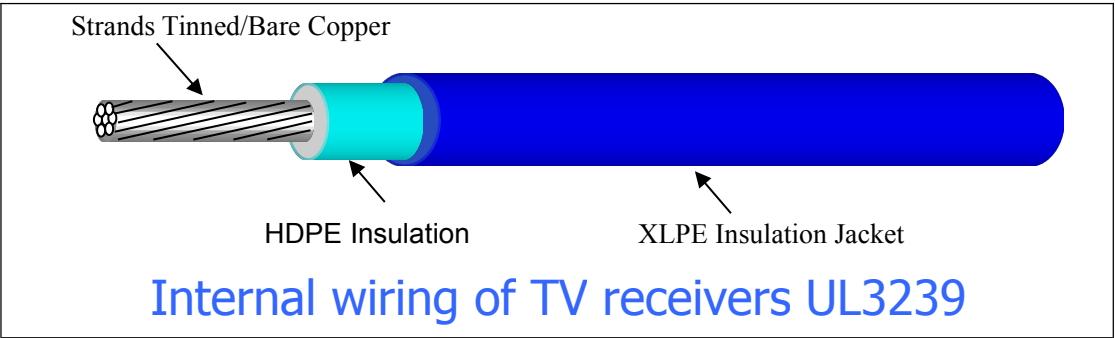
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials:HDPE insulation
Jacket materials: XLPE jacket

Internal wiring of Appliances. Conductor temperature not over 105℃ XLPE insulated wire Rated temperature: 105℃ rated voltage: 20KV-DC							
STYLE	AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	jacket thickness Nom. (mm)	Jacket thickness (mm)	Overall diameter (mm)
3239	16	26/0.254	14.6	1.50	0.55	0.55	3.70±0.15
	18	16/0.254	23.2	1.17	0.55	0.55	3.35±0.15
	18	19/0.235	23.2	1.18	0.55	0.55	3.35±0.15
	20	21/0.18	36.7	0.95	0.55	0.55	3.15±0.15
	22	17/0.16	59.4	0.76	0.55	0.55	2.96±0.10
	24	11/0.16	94.2	0.60	0.55	0.55	2.81±0.10
	26	7/0.16	150	0.48	0.55	0.55	2.68±0.10
	28	7/0.127	239	0.38	0.55	0.55	2.58±0.10

Marking: E211048 AWM STYLE 3239 NO.AWG 105℃ 20KV-DC VW-1 QIFURUI
c AWM I A 105℃ 20KV-DC FT1 -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

*PACKAGE				
Part No.	Packing- FT/roll			
16AWG	☐ 100FT	☐ 500FT	☒ 1000FT	☐ 2000FT
18~28AWG	☐ 100FT	☐ 500FT	☐ 1000FT	☒ 2000FT
According to customer requirements for packaging packaging				