

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 SAE standard design

4.Environmental protection

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

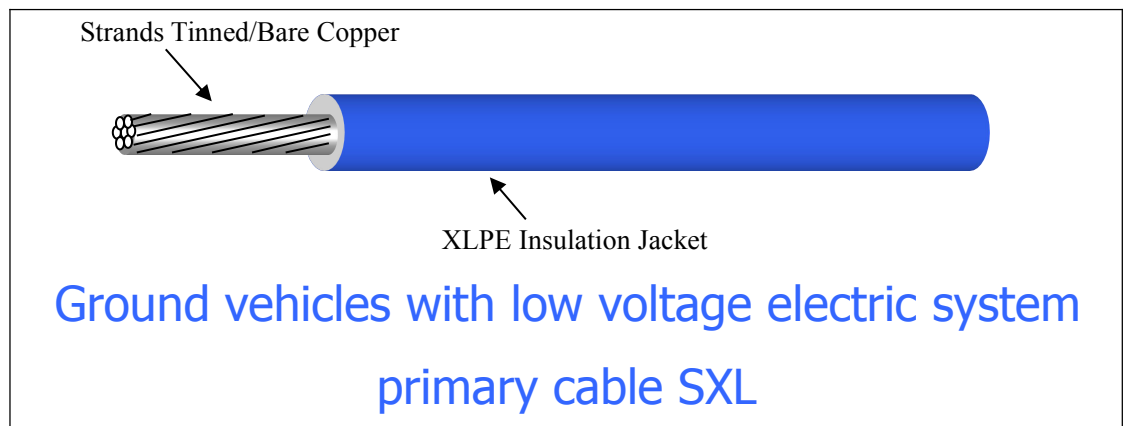
SHOULD BE USED:

Ground vehicles with low voltage electric system primary cable

REFERENCE:

SAE J1128-2000

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;
Insulation materials: XLPE Insulation

Ground vehicles with low voltage electric system primary cable
Rated temperature: 125℃ rated voltage:60Vdc or 25Vac

STYLE	AWG	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
				Nom.	Min.	Nam.	Tole.
SXL	8	168/0.254	3.80	1.08	0.76	5.96	±0.15
	10	105/0.254	3.00	1.04	0.73	5.08	±0.15
	12	65/0.254	2.40	0.94	0.66	4.28	±0.15
	14	19/0.374	1.90	0.89	0.62	3.68	±0.15
	14	41/0.254	1.90	0.89	0.62	3.68	±0.15
	16	26/0.254	1.50	0.81	0.57	3.12	±0.10
	16	19/0.3	1.51	0.81	0.57	3.13	±0.10
	18	19/0.235	1.18	0.76	0.53	2.70	±0.10
	18	16/0.254	1.20	0.76	0.53	2.72	±0.10
	20	7/0.30	0.92	0.74	0.52	2.40	±0.10

Marking: NO MARKING

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			3F
8~10AWG	■ 500FT	□ 1000FT	□ 2000FT	
12~16AWG	□ 500FT	■ 1000FT	□ 2000FT	
18~20AWG	□ 500FT	□ 1000FT	■ 2000FT	

According to customer requirements for packaging packaging