

**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

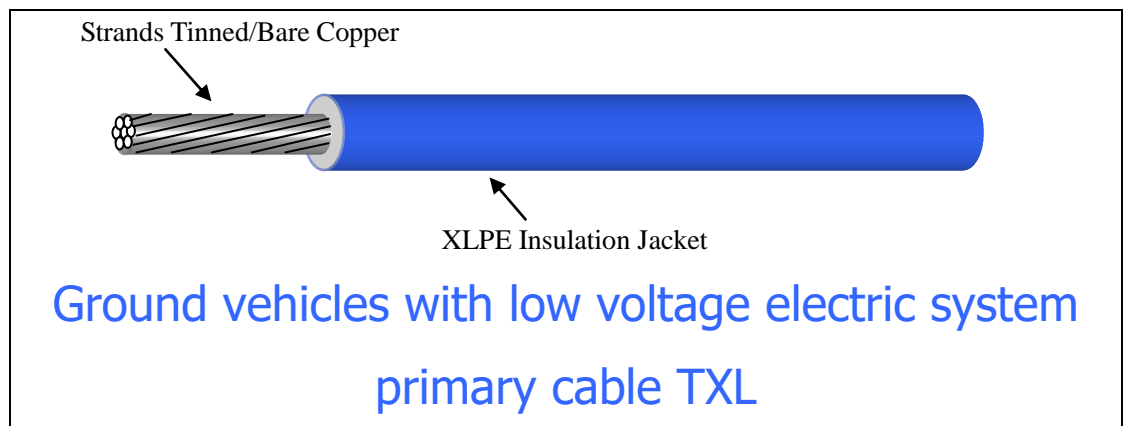
**SHOULD BE USED:**

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.	Nom	Tole
TXL	8	168/0.254	3.80	0.55	0.39	4.90	±0.15
	10	105/0.254	3.00	0.50	0.35	4.00	±0.15
	12	65/0.254	2.40	0.45	0.32	3.30	±0.15
	14	41/0.254	1.90	0.40	0.28	2.70	±0.15
	16	26/0.254	1.50	0.40	0.28	2.30	±0.10
	16	19/0.30	1.51	0.40	0.28	2.31	±0.10
	18	41/0.16	1.18	0.40	0.28	1.98	±0.10
	18	19/0.235	1.18	0.40	0.28	1.98	±0.10
	18	16/0.254	1.20	0.40	0.28	2.00	±0.10
	20	7/0.30	0.92	0.40	0.28	1.72	±0.10
	20	10/0.254	0.92	0.40	0.28	1.72	±0.10
	20	19/0.19	0.96	0.40	0.28	1.76	±0.10
	22	19/0.15	0.76	0.40	0.28	1.56	±0.10
	22	17/0.16	0.76	0.40	0.28	1.56	±0.10
	22	7/0.254	0.79	0.40	0.28	1.59	±0.10
24	7/0.20	0.61	0.40	0.28	1.41	±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		
8~10AWG	■ 500FT	□ 1000FT	□ 2000FT
12~16AWG	□ 500FT	■ 1000FT	□ 2000FT
18~24AWG	□ 500FT	□ 1000FT	■ 2000FT

According to customer requirements for packaging packaging

