

**CHARACTER:**

**1.Physical performance**

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

**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、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to DIN standard design

**4.Environmental protection**

- a、ROHS/REACH compliant

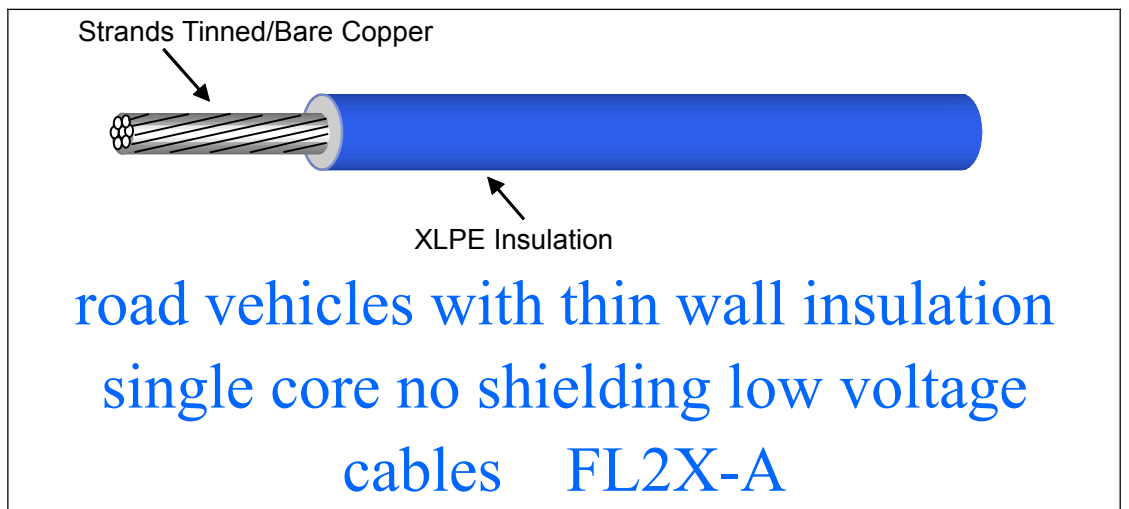
**SHOULD BE USED:**

Apply to road vehicles with thin wall insulation single core no shielding low voltage cables

**REFERENCE:**

DIN 72551-6,ISO6722

**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	mm <sup>2</sup>	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)		insulation thickness (mm) Nom.	Overall diameter (mm) Nom.
				Bare	tin.		
FL2X-A	0.22	7/0.20	0.60	84.80	86.5	0.30	1.2±0.10
	0.35	7/0.254	0.76	54.5	55.5	0.30	1.36±0.10
	0.50	19/0.19	0.95	37.10	38.2	0.44	1.83±0.10
	0.75	19/0.23	1.15	24.70	25.4	0.44	2.03±0.10
	1.0	19/0.25	1.25	18.50	19.1	0.44	2.13±0.10
	1.5	19/0.30	1.50	12.70	13.0	0.44	2.38±0.10
	2.5	19/0.41	2.05	7.60	7.80	0.53	3.11±0.15

**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
0.22~1.0mm <sup>2</sup>	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input type="checkbox"/> 500M	<input checked="" type="checkbox"/> 1000M	
1.5~2.5mm <sup>2</sup>	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input checked="" type="checkbox"/> 500M	<input type="checkbox"/> 1000M	

According to customer requirements for packaging packaging