

**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

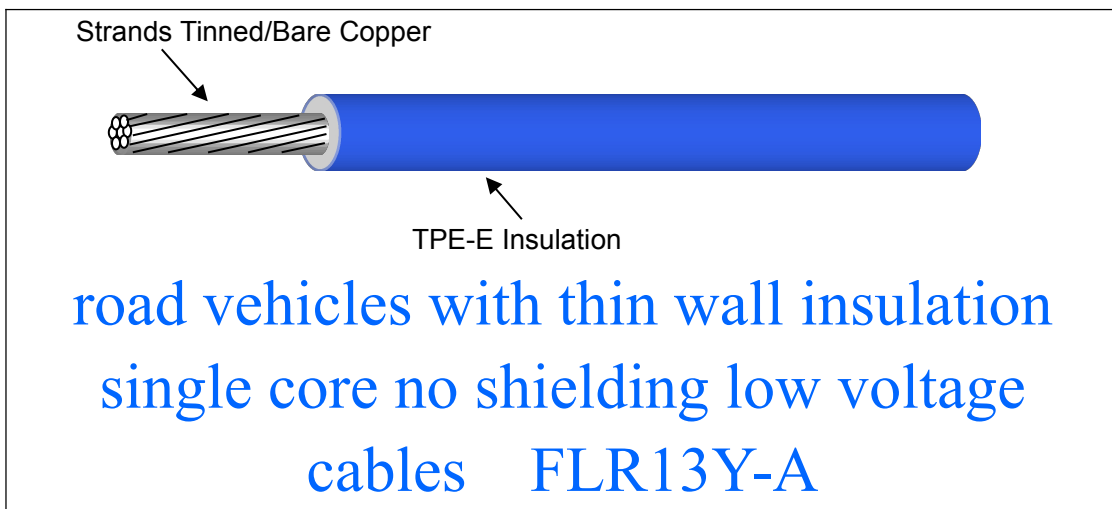
**SHOULD BE USED:**

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: TPE-E Insulation

Ground vehicles with low voltage electric system primary cable  
Rated temperature: -40~150℃ 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)	Overall diameter (mm)	
				Bare	tin.		Nom.	tolerance
FLR13 Y-A	0.22	7/0.20	0.60	84.80	86.5	0.25	1.20	+0/-0.10
	0.35	7/0.254	0.76	52.00	54.5	0.25	1.30	+0/-0.10
	0.50	19/0.19	0.95	37.10	38.2	0.30	1.60	+0/-0.20
	0.75	19/0.23	1.15	24.70	25.4	0.30	1.90	+0/-0.20
	1.00	19/0.25	1.25	18.50	19.1	0.40	2.10	+0/-0.20
	1.50	19/0.32	1.60	12.70	13.0	0.40	2.40	+0/-0.20
	2.50	19/0.41	2.05	7.60	7.80	0.45	3.00	+0/-0.30

Marking: NOM

**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