

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

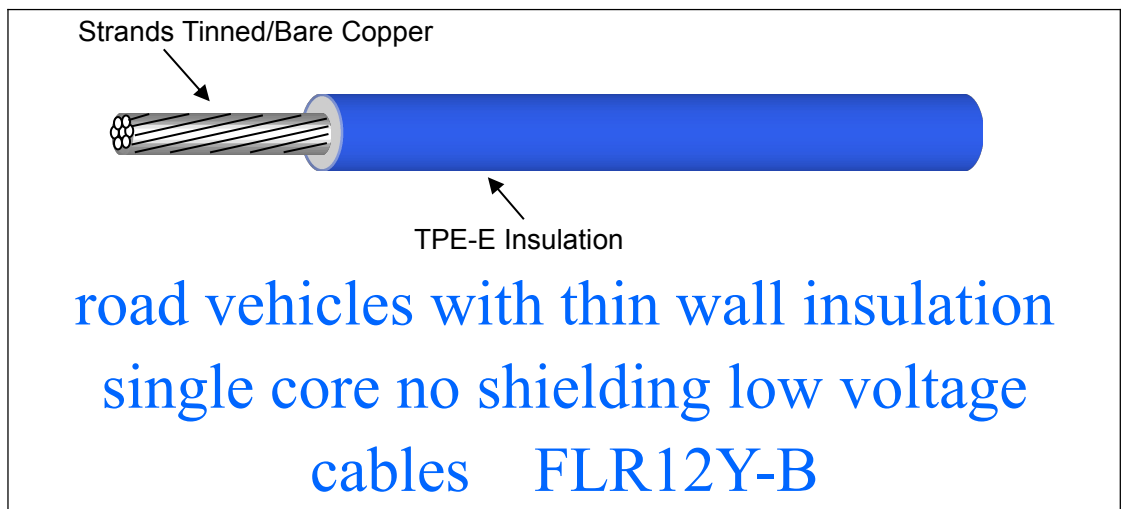
SHOULD BE USED:

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	mm2	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)		insulation thickness (mm) Nom.	Overall diameter (mm)	
				Bare	tin.		Nom.	tolerance
FLR12 Y-B	0.35	12/0.20	0.80	54.5	55.5	0.40	1.70	±0.10
	0.50	16/0.20	0.92	37.1	38.2	0.40	1.80	±0.10
	0.75	24/0.20	1.13	24.7	25.4	0.40	2.00	±0.10
	1.00	32/0.20	1.31	18.5	19.1	0.40	2.20	±0.10
	1.50	30/0.25	1.58	12.7	13.0	0.40	2.45	±0.10
	2.50	50/0.25	2.04	7.60	7.80	0.40	2.90	±0.10
	3.00	45/0.30	2.59	6.15	6.36	0.45	3.35	±0.10
4.00	56/0.30	3.18	4.70	4.80	0.45	3.65	±0.10	

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			
0.35~1.0mm2	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input type="checkbox"/> 500M	<input checked="" type="checkbox"/> 1000M
1.5~2.5mm2	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input checked="" type="checkbox"/> 500M	<input type="checkbox"/> 1000M
4.0~6.00mm2	<input type="checkbox"/> 100M	<input checked="" type="checkbox"/> 200M	<input type="checkbox"/> 500M	<input type="checkbox"/> 1000M

According to customer requirements for packaging packaging

