

CHARACTERISTICS:

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Using the hot extrusion processing
- d、Long-term ageing resistance
- e、Can be twisted pair and multi-core
- f、Good flame retardancy (VW-1)
- g、Electrical insulation good
- h、Of high resistance to chemicals
- i、Chemistry stability is good
- j、High specific gravity(2.2g/cm3)
- k、ROHS compliant
- l、Wide application, High cost
- m、Melting point 270~280℃
- n、Instant high temperature resistant 260℃

SHOULD BE USED:

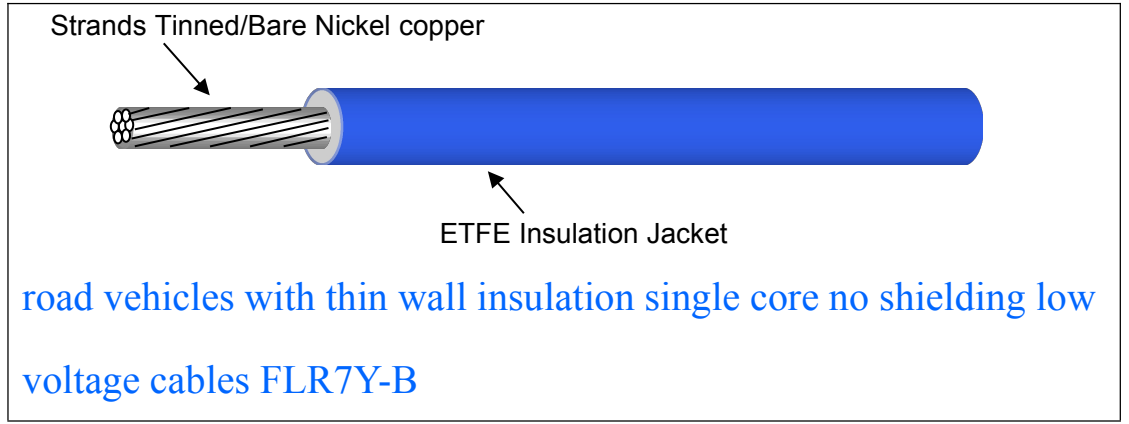
Low voltage cable with thin wall insulation for road vehicles, Thin wall

REFERENCE:

DIN72551 T6

Outline:

Conductor tolerance: +/-0.01mm



Wire structure description:
 Conductor: Tinned、Bare copper
 Jacket insulation materials: ETFE Insulation

Ground vehicles with low voltage electric system primary cable FLR7Y-B
 Rated temperature: 180℃

Part No.	Standard MM ²	Construction Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)		Maximum Conductor Dia.(mm)	insulation thickness Nom. (mm)	Overall diameter(mm)	
			copper	Tinned copper			Min	Max
FLR7Y-B	0.35	12/0.20	54.5	55.5	0.80	0.25	1.20	1.40
	0.5	16/0.20	37.10	38.2	0.92	0.35	1.50	1.70
	0.75	24/0.20	24.70	25.4	1.13	0.35	1.70	1.90
	1.0	32/0.20	18.50	19.1	1.31	0.35	1.90	2.10
	1.5	30/0.251	12.70	13.0	1.59	0.35	2.10	2.40
	2.5	50/0.251	7.60	7.80	2.05	0.40	2.70	3.00
	4.0	56/0.30	4.70	4.80	2.59	0.50	3.40	3.70
	6.0	84/0.30	3.14	3.23	3.18	0.50	4.00	4.30
	10.0	80/0.40	1.81	1.85	4.13	0.56	4.50	6.00
	16.0	126/0.404	1.16	1.18	5.24	0.81	6.60	7.10

SAECOLOR 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- M/roll		
0.35~1.0mm2	<input type="checkbox"/> 200M	<input type="checkbox"/> 500M	<input checked="" type="checkbox"/> 1000M
1.5~6.0mm2	<input type="checkbox"/> 200M	<input checked="" type="checkbox"/> 500M	<input type="checkbox"/> 1000M

3F

According to customer requirements for packaging packaging