

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:

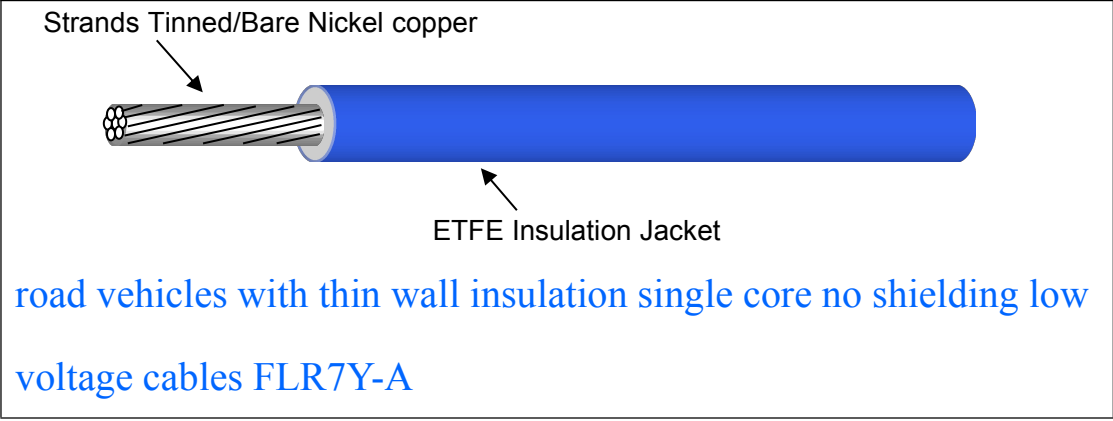
Low voltage cable with thin wall insulation for road vehicles, Thin wall

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-A								
Rated temperature: 180℃								
Part No.	Standar d MM²	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-A	0.22	7/0.20	84.80	86.5	0.60	0.25	1.10	1.20
	0.35	7/0.254	52.00	54.5	0.76	0.30	1.30	1.40
	0.50	19/0.19	37.10	38.2	0.95	0.30	1.50	1.60
	0.75	19/0.23	24.70	25.4	1.15	0.35	1.80	1.90
	1.00	19/0.25	18.50	19.1	1.25	0.40	2.00	2.10
	1.50	19/0.32	12.70	13.01	1.60	0.40	2.30	2.40
	2.50	19/0.41	7.60	7.80	2.05	0.45	2.85	3.00

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			3F
0.35~1.0mm2	☐ 200M	☐ 500M	☒ 1000M	
1.5~6.0mm2	☐ 200M	☒ 500M	☐ 1000M	
According to customer requirements for packaging packaging				