

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:

Strands Tinned/Bare Copper

TPE-E Insulation

road vehicles with thin wall insulation
single core no shielding low voltage
cables FLR12Y-A

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)	Overall diameter (mm)	
				Bare	tin.		Nom.	tolerance
FLR12 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				
0.22~1.0mm2	☐ 100M	☐ 200M	☐ 500M	☒ 1000M	
1.5~2.5mm2	☐ 100M	☐ 200M	☒ 500M	☐ 1000M	
According to customer requirements for packaging packaging					