

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、The fine aging resistance, acid and alkali resistant,Oil resistant
- c、-40~120℃Can use for a long time
- d、In the 150 ~200 ℃ can be short or intermittent use
- e、Low density high filling ability
- f、The same specification than other cable light weight
- g、Good flame retardancy
- h、Chemistry stability is good
- i、Low cost
- j、Good weldability

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

4.Environmental protection

- a、ROHS/REACH compliant

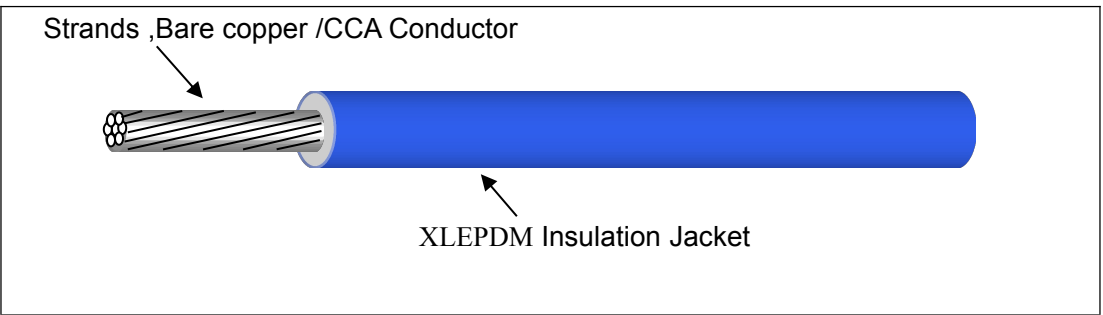
SHOULD BE USED:

New energy vehicle battery cable 、electric driven motor cable and car battery charging cable where exposed to temperatures not Exceeding 125℃。

REFERENCE:

Shenzhen qihurui enterprise standards

Outline:



Cable structure description:
Conductor: Bare copper /CCA conductor;
Jacket insulation materials: XLEPDM Insulation

New energy and electric drive motor car battery charging cable conductor with temperature of 125 ℃, the single core conductor no sheath cable QFR-1109
Rated temperature: -40~125℃ Rated Voltage 3KV

Type	mm²	Construction Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	jacket thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min.	Max.
QFR-1109	9.0(6.00)	285/0.20	3.63	4.40	1.5	1.2	7.0	7.4
	15.0(10.0)	475/0.20	1.84	5.70	1.5	1.2	8.2	8.7
	24.0(16.0)	760/0.20	1.15	7.20	1.8	1.5	10.3	10.8
	37.0(25.0)	1178/0.20	0.727	9.00	2.0	1.8	12.6	13.2
	50.0(35.0)	741/0.30	0.524	10.8	2.0	1.8	14.5	15.0
	75.0(50.0)	1064/0.30	0.387	13.0	2.5	2.0	17.0	18.0

()Refers to the content of pure copper content

Marking:QIFURUI

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- M/roll			3F
9~15 mm2	☐ 100M	☐ 250M	☒ 500M	
24~37 mm2	☐ 100M	☒ 250M	☐ 500M	
50~75 mm2	☒ 100M	☐ 250M	☐ 500M	
According to customer requirements for packaging packaging				