

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、high of resistance to chemicals
- f、Chemistry stability is good

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、According to QC/T standard design

4.Environmental protection

- a、low smoke, non-halogen
- b、ROHS/REACH compliant

SHOULD BE USED:

Low voltage cable with thin wall insulation for Road vehicles.

REFERENCE:

QC-T 730-2005

Outline:

Strands Tinned/Bare Copper

XLPE Insulation

Road vehicles-low tension cables(wires)
with thin insulation QB-D

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: XLPE Insulation

Road vehicles-low tension cables(wires) with thin insulation								
Rated temperature: -40~150℃ rated voltage: 60Vac or 25Vdc								
STYLE	mm2	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)		insulation thickness (mm)		Overall diameter (mm) Max.
				Bare	tin.	Nom.	min	
QB-D	0.13	7/0.16	0.55	136	140	0.25	0.20	1.05
	0.22	7/0.20	0.70	84.4	86.5	0.25	0.20	1.20
	0.35	7/0.26	0.90	54.4	55.5	0.25	0.20	1.40
	0.50	16/0.20	1.10	37.1	38.2	0.28	0.22	1.70
	0.75	24/0.20	1.30	24.7	25.4	0.30	0.24	1.90
	1	32/0.20	1.50	18.5	19.1	0.30	0.24	2.10
	1.5	30/0.25	1.80	12.7	13.0	0.30	0.24	2.40
	2	65/0.20	2.00	9.42	9.69	0.35	0.28	2.80
	2.5	50/0.25	2.20	7.60	7.82	0.35	0.28	3.00
	3	65/0.25	2.40	6.15	6.36	0.40	0.32	3.40
	4	56/0.30	2.80	4.71	4.85	0.40	0.32	3.80
	5	70/0.30	3.10	3.94	4.02	0.40	0.32	4.20
	6	84/0.30	3.40	3.14	3.23	0.40	0.32	4.30
	10	80/0.40	4.50	1.82	1.85	0.60	0.48	6.00
	16	126/0.40	6.30	1.16	1.18	0.65	0.52	7.90
	25	196/0.40	7.80	0.743	0.757	0.65	0.52	9.40

Marking: NO MARKING

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			
0.13~1.25mm2	☐ 100M	☐ 200M	☐ 500M	☒ 1000M
1.5~4.0mm2	☐ 100M	☐ 200M	☒ 500M	☐ 1000M
6.0~10.0mm2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
16~25mm2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M
According to customer requirements for packaging packaging				