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、In 200 ~ 250 ℃ work environment brief high temperature resistant

m、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 UL standard design

4.Environmental protection

a、ROHS/REACH compliant

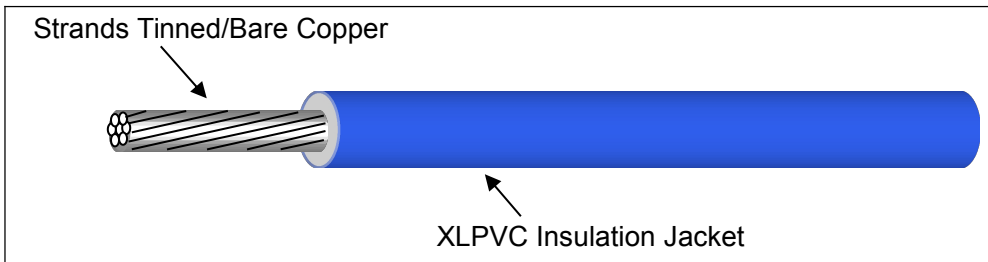
SHOULD BE USED:

It's applicable to low tension primary wire of electric system for auto within.

REFERENCE:

JASO D 611:2009

Outline:



Japanese standard car wire AVX、AVFX、HEBX

Wire structure description:

Conductor: Tinned/Bare copper ;

Jacket insulation materials: XLPVC Insulation

low tension primary wire of electric system for auto within Conductor temperature of 100 ℃ of single core conductor no sheath cable AVX、AVFX、HEBX

Rated temperature: 100℃

Part No.	Standard MM²	Conductor SIZE (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	jacket thickness (mm)		Overall diameter (mm)	
					Nom	Min	Nom	Max
AVX AVFX HEBX	0.5f	20/0.18	38.6	1.0	0.50	0.32	2.0	±0.10
	0.5	7/0.32	34.6	1.0	0.50	0.32	2.0	±0.10
	0.75f	30/0.18	25.8	1.2	0.50	0.32	2.2	±0.10
	0.85	11/0.32	22.0	1.2	0.50	0.32	2.2	±0.10
	1.25f	50/0.18	15.5	1.5	0.60	0.40	2.7	±0.10
	1.25	16/0.32	15.1	1.5	0.60	0.40	2.7	±0.10
	2f	37/0.26	10.1	1.8	0.60	0.40	3.0	±0.10
	2	26/0.32	9.30	1.9	0.60	0.40	3.1	±0.10
	3	41/0.32	5.90	2.4	0.70	0.48	3.8	+0.15/-0.1
	5f	98/0.26	—	3.0	0.80	0.64	4.6	+0.15/-0.1
	5	65/0.32	3.72	3.0	0.80	0.64	4.6	+0.15/-0.1
	8	50/0.45	2.45	3.7	0.80	0.64	5.3	+0.15/-0.1
	8f	7/22/0.26	2.43	4.0	0.80	0.64	5.6	+0.15/-0.1
	9	7/16/0.32	—	4.2	1.00	0.80	6.2	+0.15/-0.1
	10	63/0.45	—	4.5	1.00	0.80	6.5	+0.20/-0.1
		7/9/0.45	2.03	4.5	1.00	0.80	6.5	+0.20/-0.1
	10f	7/27/0.26	1.98	4.5	1.00	0.80	6.5	+0.20/-0.1
	12f	7/22/0.32	—	5.0	1.00	0.80	7.0	+0.20/-0.1
	15f	7/36/0.26	1.48	5.3	1.20	0.96	7.7	+0.20/-0.1
		19/9/0.32	—	5.3	1.10	0.88	7.5	+0.20/-0.1
	20f	19/13/0.32	—	6.5	1.10	0.88	8.7	+0.20/-0.1
	30f	19/19/0.32	—	7.8	1.40	1.12	10.6	+0.20/-0.1
	40f	19/26/0.32	—	9.1	1.40	1.12	11.9	+0.20/-0.1
	50f	19/32/0.32	—	10.1	1.60	1.28	13.3	+0.20/-0.1
	60f	19/39/0.32	—	11.1	1.60	1.28	14.3	+0.20/-0.1
	85f	19/56/0.32	—	13.1	2.00	1.60	17.1	+0.20/-0.1
	100f	19/71/0.32	—	14.9	2.00	1.60	18.9	+0.20/-0.1

Note: the nominal value of f said the conductor

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				
0.5f~1.25mm2	☐ 200M	☐ 500M	☐ 1000M	■ 2000M	3F
2.0f~2mm2	☐ 200M	☐ 500M	■ 1000M	☐ 2000M	
3~5mm2	☐ 200M	■ 500M	☐ 1000M	☐ 2000M	
8～100f mm2	■ 200M	☐ 500M	☐ 1000M	☐ 2000M	
According to customer requirements for packaging packaging					