

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

- 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 JASO standard design

- 4.Environmental protection**
- a、 low smoke, non-halogen
 - b、ROHS/REACH compliant

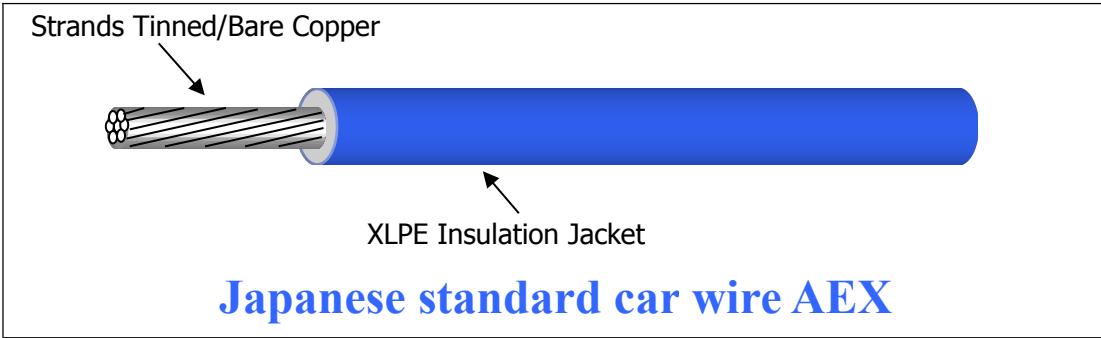
SHOULD BE USED:

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

REFERENCE:

JASO D 611:2009

Outline:



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

low tension primary wire of electric system for auto within Conductor temperature of 120 ℃ of single core conductor no sheath cable AEX
Rated temperature: 120℃

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
AEX	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
	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
	15f	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
	65f	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 the f said the flexible 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
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				