

Application

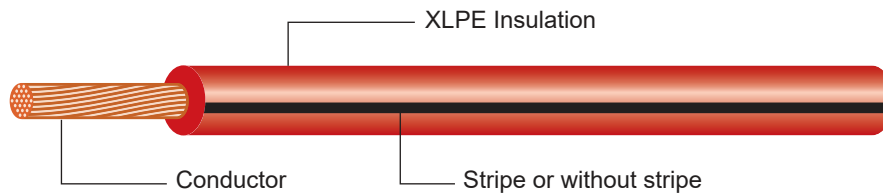
Mainly used in low-voltage circuits for automobiles (vehicles and motorcycles).

A : Low-voltage wires for automobiles E : Polyethylene X : Cross-linked F : Flexible conductor

Product Description

- Standard** Conformity to **JASO D608**
- Conductor** Stranded bare copper 0.50 - 8.0 mm²
- Temp. Rate** 120 °C
- Insulation** Heat resistant XLPE which is cross-linked by electron beam machine and stable thermally
Color code with or without stripe or ring mark

Construction



IATF 16949 : 2016

Nominal Size *1	Conductor (Annealed copper stranded conductors)			Insulation Thickness (mm)	Overall diameter		Conductor Resistance (20°C) Ω/Km	Current Limit (A) *2	Approx. Weight (Kg/Km)	Standard Put - Up (M/coil) *3
	Construction (No./mm)	Calculated area (mm ²)	Outer Diameter (mm)		Standard (mm)	Max. (mm)				
AEX										
0.5	7/0.32	0.56	1.00	0.50	2.00	2.20	35.60	14	4.59	500
0.85	11/0.32	0.85	1.20	0.50	2.20	2.40	22.00	20	6.34	500
1.25	16/0.32	1.28	1.50	0.60	2.70	2.90	15.10	26	9.38	500
2.0	26/0.32	2.09	1.90	0.60	3.10	3.40	9.30	40	13.91	500
3.0	41/0.32	3.29	2.40	0.70	3.80	4.10	5.90	50	4.30	100
5.0	65/0.32	5.22	3.00	0.80	4.60	4.90	3.72	70	6.61	100
8.0	50/0.45	7.95	3.70	0.80	5.30	5.60	2.45	90	9.57	100
AEXF										
0.5f	20/0.18	0.50	0.90	0.50	2.00	2.20	38.60	14	4.37	500
0.75f	30/0.18	0.76	1.10	0.50	2.20	2.40	25.80	16	5.87	500
1.25f	50/0.18	1.27	1.50	0.60	2.70	2.90	15.50	26	9.32	500
AESSX										
0.30f	19/0.160	0.38	0.80	0.30	1.40	1.50	48.80	10	5.08	1000
0.50f	19/0.190	0.54	0.95	0.30	1.60	1.70	34.60	13	3.25	500
0.75f	19/0.230	0.79	1.16	0.30	1.80	1.90	23.60	17	4.79	500
1.25f	37/0.210	1.28	1.47	0.30	2.10	2.20	14.60	23	7.03	500
2.00f	37/0.260	1.96	1.82	0.40	2.60	2.70	9.50	32	10.14	500
2.50f	50/0.260	2.65	2.12	0.37	2.90	3.00	7.45	35	2.66	100

* 1 The "f" in the nominal size column indicates a flexible conductor with a finer wire diameter.

* 2 The Current limit data is for conductor temperature of 80C (maximum allowable temperature) and an ambient temperature of 40C

* 3 Standard packing shapes shall be coils