

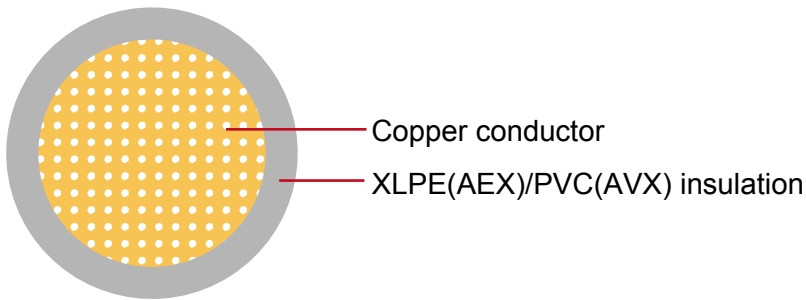
Automotive Cable

AEX/AVX

Application:

This XLPE insulated single-core cable is used for automobiles, motorcycles and other motor vehicles.

Construction:



Copper conductor

XLPE(AEX)/PVC(AVX) insulation

Conductor: Cu-ETP1 according to JIS C3102

Insulation: XLPE (AEX)

Crosslinked PVC (AVX)

Standard Compliance: JASO D 608-92

Technical Parameters:

Operating temperature: - 40 °C to +120 °C (AEX)

Operating temperature: - 40 °C to +100 °C (AVX)

Nominal Cross-section	Conductor			Insulation Thickness Wall nom.	Cable		
	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.		Overall Diameter min.	Overall Diameter max.	Weight approx.
mm ²	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1 x0.50	7/0.32	1.00	32.70	0.50	2.00	2.20	8
1 x0.85	11/0.32	1.20	20.80	0.50	2.20	2.40	11
1 x1.25	16/0.32	1.50	14.30	0.60	2.70	2.90	16
1 x2.00	26/0.32	1.90	8.80	0.60	3.10	3.40	25
1 x3.00	41/0.32	2.40	5.60	0.70	3.80	4.10	38
1 x5.00	65/0.32	3.00	3.50	0.80	4.60	4.90	59
1 x8.00	50/0.45	3.70	2.30	0.80	5.30	5.60	86
1 x15.00	84/0.45	4.80	1.40	1.10	7.00	7.40	145
1 x0.50f	20/0.18	1.00	36.70	0.50	2.00	2.20	8
1 x0.75f	30/0.18	1.20	24.40	0.50	2.20	2.40	10
1 x 1.25f	50/0.18	1.50	14.70	0.60	2.70	2.90	16

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

*Note: Other configurations, sizes, colors and length not specified herein are available upon request.