

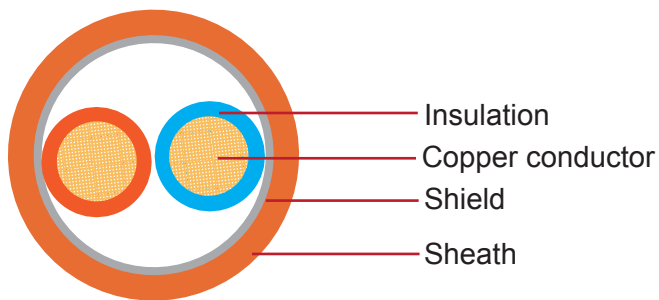
Automotive Cable

AESSXF/ALS

Application:

This XLPE insulated cable is used in low voltage signal circuits in automobiles. Superior heat resistant with irradiated PE. Suitable for the consideration of the flexibility and shielding characteristic. Shielding wire is consist of drain wire included Al-Mylar tape around core.

Construction:



Conductor: Annealed stranded copper

Insulation: XLPE

Shield: Al-Mylar Tape

Sheath: PVC

Standard Compliance: JASO D608; HMC ES SPEC

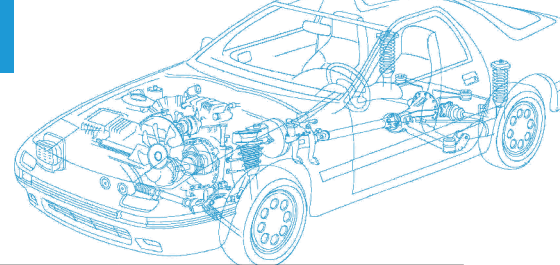
Technical Parameters:

Operating temperature: -40 °C to +120 °C

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
1/0.3	19/0.16	0.8	49.4	0.3	3.4	3.6	17
2/0.3	19/0.16	0.8	49.4	0.3	3.9	4.1	24
3/0.3	19/0.16	0.8	49.4	0.3	4.1	4.3	29
4/0.3	19/0.16	0.8	49.4	0.3	4.4	4.7	35



Automotive Cable



Nominal Cross-section	Conductor			Insulation	Cable		
	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20 °C max.	Thickness Wall nom.	Overall Diameter min.	Overall Diameter max.	Weight Approx.
mm ²	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1/0.5	19/0.19	1.0	35.03	0.3	3.6	3.8	20
2/0.5	19/0.19	1.0	35.03	0.3	4.3	4.5	28
3/0.5	19/0.19	1.0	35.03	0.3	4.7	4.9	38
4/0.5	19/0.19	1.0	35.03	0.3	5.1	5.3	46
1/0.75	19/0.23	1.2	23.88	0.3	3.8	4.0	23
2/0.75	19/0.23	1.2	23.88	0.3	4.9	5.1	38
3/0.75	19/0.23	1.2	23.88	0.3	5.1	5.3	49
4/0.75	19/0.23	1.2	23.88	0.3	5.6	5.8	60
1/1.25	37/0.21	1.5	15.2	0.3	4.1	4.3	28
2/1.25	37/0.21	1.5	15.2	0.3	5.5	5.7	48
3/1.25	37/0.21	1.5	15.2	0.3	5.8	6.0	64
4/1.25	37/0.21	1.5	15.2	0.3	6.3	6.5	80

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

