



● Introduction

TXL American Standard Automotive Cable is a specialized single-core cable featuring XLPO insulation, designed to meet the demanding requirements of automotive applications where greater heat resistance, compact diameter, and low weight are essential.

● Performance

Temperature Range: - 40°C to +125°C (3000 Hours)
 Standard: SAE J1128
 Test Voltage: 1 kV
 TXL: Thin wall XLPO insulation.
 Conductor Resistance: Complies with IEC 60228/BS 6360 standards
 Characteristic TXL automotive cable is engineered to provide superior heat resistance, compact diameter, and lightweight properties, making it ideal for automotive applications where space constraints and high temperatures are common.

● Construction

Conductor: Crafted from soft-annealed electrolytic Copper (E-Cu ETP1) in accordance with ASTM B3 standards, the bare conductor construction aligns with SAE J1128 specifications.
 Insulation: Utilizes Electron Beam Cross-Linked Polyolefin, ensuring robust insulation for reliable performance.
 Color: Customizable based on customer requirements.
 Single core configuration

● Specification

-SAE J1128

● Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.
 CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

● Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



● National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

Size	Conductor			Insulation		Cable	
	Nom. Cross Section Area	No. / Dia. Of Wires	Max. Diameter	Min. Thickness Wall	Nom. Thickness Wall	Overall Dia. (Max.)	Approx. Weight
AWG	mm ²	No./mm	mm	mm	mm	mm	kg/km
22	1 x 0.35	7/0.25	0.76	0.28	0.40	1.70	6
20	1 x 0.50	7/0.32	0.97	0.28	0.40	1.90	8
20	1 x 0.50	19/0.19	0.95	0.28	0.40	1.90	8
18	1 x 0.80	16/0.25	1.17	0.28	0.40	2.20	11
18	1 x 0.80	19/0.23	1.17	0.28	0.40	2.20	11
16	1 x 1.00	19/0.28	1.45	0.28	0.40	2.40	15
14	1 x 2.00	19/0.36	1.80	0.28	0.40	2.70	22
12	1 x 3.00	19/0.45	2.29	0.32	0.46	3.30	34
10	1 x 5.00	19/0.57	2.87	0.35	0.50	4.00	53
10	1 x 5.00	100/0.26	3.0	0.35	0.45	3.90	53
8*	1 x 8.00	49/0.46	4.06	0.39	0.55	4.90	85