SXL

125°C, 25/60V



Construction
Conductor: Tinned Copper or Bare Copper
Insulation: Extruded · Cross-Linked Polyolefin

Thermal Characteristics
Operating Temperature: 125°C
Optional Temperature Class: 150°C (SAE Class 4) available upon request.

Electrical Characteristics
Operating Voltage: 25/60V

Application
Automotive low-voltage primary wiring:
Special-purpose primary wiring for surface-vehicle electrical systems, with cross-linked polyolefin insulation for the 125 °C class.

General Characteristics
Abrasion & Cut-Through Resistance: Tough cross-linked insulation resists abrasion and cut-through in harness routing.
Heat Resistance: Cross-linked insulation holds up in high-temperature engine environments.

Standards & Approvals
SAE J1128: Low Voltage Primary Cable: covers low-voltage primary cable for nominal system voltages of 60 V DC / 25 V AC or less in surface-vehicle electrical systems; SXL is the special-purpose type with cross-linked polyolefin insulation.

CASMO Part No.	Conductor			Insulation		Max. Overall O.D. (mm)	Nom. Cable Weight (kg/km)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)	Nom. Insulation Thickness (mm)	Min. Ins. Thickness (mm)		
11400620/7-**-XX	20	7	0.32	0.74	0.52	2.8	9.5
11400620/19-**-XX	20	19	0.2	0.74	0.52	2.8	9.8
11400618/16-**-XX	18	16	0.254	0.76	0.53	3	12.2
11400618/19-**-XX	18	19	0.23	0.76	0.53	3	12
11400618/26-**-XX	18	26	0.2	0.76	0.53	3	12.2
11400616/19-**-XX	16	19	0.29	0.81	0.57	3.4	17.3
11400616/26-**-XX	16	26	0.254	0.81	0.57	3.4	17.8
11400614/19-**-XX	14	19	0.36	0.89	0.62	3.9	25
11400614/30-**-XX	14	30	0.29	0.89	0.62	3.9	25.4
11400614/37-**-XX	14	37	0.254	0.89	0.62	3.9	24.5
11400614/41-**-XX	14	41	0.254	0.89	0.62	3.9	26.3
11400612/65-**-XX	12	65	0.254	0.94	0.66	4.6	39.3
11400612/19-**-XX	12	19	0.455	0.94	0.66	4.6	37.5
11400610/96-**-XX	10	96	0.254	1.04	0.73	5.3	56.2
11400608/147-**-XX	8	147	0.254	1.09	0.76	6.2	82.5

Table Notes

† Replace XX with the color code when ordering (e.g. BK, WH, RD, GN, BN, BL, OR, YW, VT, GY, PK, TN, CL).

‡ Replace ** with the conductor code: AS for bare copper or TS for tinned copper.

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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