GXL

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:
General-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; GXL is the general-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)		
11400520/7-**-XX	20	7	0.32	0.58	0.41	2.4	8.1
11400520/19-**-XX	20	19	0.2	0.58	0.41	2.4	8.4
11400518/16-**-XX	18	16	0.254	0.58	0.41	2.5	10.5
11400518/19-**-XX	18	19	0.23	0.58	0.41	2.5	10.3
11400518/26-**-XX	18	26	0.2	0.58	0.41	2.5	10.5
11400516/19-**-XX	16	19	0.29	0.58	0.41	2.9	15.1
11400516/26-**-XX	16	26	0.254	0.58	0.41	2.9	15.6
11400514/19-**-XX	14	19	0.36	0.58	0.41	3.2	21.6
11400514/30-**-XX	14	30	0.29	0.58	0.41	3.2	22.1
11400514/37-**-XX	14	37	0.254	0.58	0.41	3.2	21.1
11400514/41-**-XX	14	41	0.254	0.58	0.41	3.2	22.9
11400512/65-**-XX	12	65	0.254	0.66	0.46	3.8	35.3
11400512/19-**-XX	12	19	0.455	0.66	0.46	3.8	33.5
11400510/96-**-XX	10	96	0.254	0.79	0.55	4.7	52.3
11400508/147-**-XX	8	147	0.254	0.94	0.66	6	80.1

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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