GPT

80°C, 25/60V



Construction
Conductor: Tinned Copper or Bare Copper
Insulation: Extruded · PVC

Thermal Characteristics
Operating Temperature: 80°C
Optional Temperature Class: 100°C (SAE Class 2) available upon request.

Electrical Characteristics
Operating Voltage: 25/60V

Application
Automotive low-voltage primary wiring:
General-purpose primary wiring for surface-vehicle electrical systems.

General Characteristics
Fluid Resistance: Resists common vehicle fluids in under-hood service.
Flexible Routing: Flexible stranded construction for easy routing in tight harness runs.

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, and defines the GPT general-purpose thermoplastic-insulated type.

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)		
11400120/7-**-XX	20	7	0.32	0.58	0.41	2.4	9.5
11400120/19-**-XX	20	19	0.2	0.58	0.41	2.4	9.8
11400118/16-**-XX	18	16	0.254	0.58	0.41	2.5	11.9
11400118/19-**-XX	18	19	0.23	0.58	0.41	2.5	11.7
11400118/26-**-XX	18	26	0.2	0.58	0.41	2.5	12
11400116/19-**-XX	16	19	0.29	0.58	0.41	2.9	16.9
11400116/26-**-XX	16	26	0.254	0.58	0.41	2.9	17.4
11400114/19-**-XX	14	19	0.36	0.58	0.41	3.2	23.6
11400114/30-**-XX	14	30	0.29	0.58	0.41	3.2	24.1
11400114/37-**-XX	14	37	0.254	0.58	0.41	3.2	23.1
11400114/41-**-XX	14	41	0.254	0.58	0.41	3.2	24.9
11400112/65-**-XX	12	65	0.254	0.66	0.46	3.8	38.1
11400112/19-**-XX	12	19	0.455	0.66	0.46	3.8	36.3
11400110/96-**-XX	10	96	0.254	0.79	0.55	4.7	56.3
11400108/147-**-XX	8	147	0.254	0.94	0.66	6	86.4

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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