HTS

80°C, 25/60V



Construction
Conductor: Tinned Copper or Bare Copper
Insulation: Extruded · Synthetic Rubber

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

Electrical Characteristics
Operating Voltage: 25/60V

Application
Heavy-duty automotive primary wiring: Heavy-duty primary wiring for surface-vehicle electrical systems requiring high mechanical protection.

General Characteristics
Heavy-Wall Mechanical Protection: Heavy-wall thermoset elastomer insulation withstands severe pinch, abrasion and mechanical wear.
Flexible & Ozone Resistant: Synthetic rubber insulation remains flexible in cold service and resists ozone and vehicle fluids.

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; HTS is the heavy-duty (heavy-wall) thermoset elastomer (synthetic rubber) 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)		
11201120/7-**-XX	20	7	0.32	0.91	0.64	3.1	13.7
11201120/19-**-XX	20	19	0.2	0.91	0.64	3.1	14
11201118/16-**-XX	18	16	0.254	0.94	0.66	3.4	17.2
11201118/19-**-XX	18	19	0.23	0.94	0.66	3.4	17
11201118/26-**-XX	18	26	0.2	0.94	0.66	3.4	17.3
11201116/19-**-XX	16	19	0.29	1.02	0.71	3.7	23.1
11201116/26-**-XX	16	26	0.254	1.02	0.71	3.7	23.6
11201114/19-**-XX	14	19	0.36	1.04	0.73	4.2	31.4
11201114/30-**-XX	14	30	0.29	1.04	0.73	4.2	31.9
11201114/37-**-XX	14	37	0.254	1.04	0.73	4.2	30.9
11201114/41-**-XX	14	41	0.254	1.04	0.73	4.2	32.7
11201112/65-**-XX	12	65	0.254	1.17	0.82	5.1	49.2
11201112/19-**-XX	12	19	0.455	1.17	0.82	5.1	47.4
11201110/96-**-XX	10	96	0.254	1.17	0.82	5.7	66.2
11201108/147-**-XX	8	147	0.254	1.4	0.98	7	100

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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