HDT

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
Heavy-duty automotive primary wiring: Heavy-duty primary wiring for surface-vehicle electrical systems.

General Characteristics
Abrasion & Cut-Through Resistance: Heavy-wall insulation stands up to abrasion and mechanical wear.
Fluid Resistance: Resists common vehicle fluids in under-hood service.

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; HDT is the heavy-duty (heavy-wall) 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)		
11400320/7-**-XX	20	7	0.32	0.91	0.64	3.1	13.5
11400320/19-**-XX	20	19	0.2	0.91	0.64	3.1	13.8
11400318/16-**-XX	18	16	0.254	0.94	0.66	3.4	17
11400318/19-**-XX	18	19	0.23	0.94	0.66	3.4	16.8
11400318/26-**-XX	18	26	0.2	0.94	0.66	3.4	17.1
11400316/19-**-XX	16	19	0.29	1.02	0.71	3.7	22.8
11400316/26-**-XX	16	26	0.254	1.02	0.71	3.7	23.3
11400314/19-**-XX	14	19	0.36	1.04	0.73	4.2	31.1
11400314/30-**-XX	14	30	0.29	1.04	0.73	4.2	31.6
11400314/37-**-XX	14	37	0.254	1.04	0.73	4.2	30.6
11400314/41-**-XX	14	41	0.254	1.04	0.73	4.2	32.4
11400312/65-**-XX	12	65	0.254	1.17	0.82	5.1	48.8
11400312/19-**-XX	12	19	0.455	1.17	0.82	5.1	47
11400310/96-**-XX	10	96	0.254	1.17	0.82	5.7	65.7
11400308/147-**-XX	8	147	0.254	1.4	0.98	7	99.3

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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