CIVUS

105°C, 25/60V



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

Thermal Characteristics
Operating Temperature: 105°C

Electrical Characteristics
Operating Voltage: 25/60V

Application
Automotive Low-Voltage Circuits: Ultra-thin-wall primary wiring with a compressed conductor for low-voltage automotive circuits.

General Characteristics
Compact Diameter: Compressed conductor keeps the finished diameter small for dense harnesses.
Ultra-Thin Wall: Ultra-thin insulation keeps the finished cable small for dense, lightweight harnesses.

Standards & Approvals
ISO 19642-3: Low-voltage single-core cables for automobiles.
ISO 6722-1: Test methods for single-core automotive cables.

CASMO Part No.	Conductor				Min. Ins. Thickness (mm)	Max. Overall O.D. (mm)	Max. DCR @20°C (Ω/km)		Nom. Cable Weight (kg/km)
	Conductor Size (mm²)	No. Of Strands	Max. Strand Dia. (mm)	Max. Conductor Dia. (mm)			BC	TPC	
1130130.35/7-**-XX	0.35	7	0.26	0.70	0.20	1.20	54.4	55.5	4.2
1130130.5/7-**-XX	0.5	7	0.32	0.85	0.20	1.40	37.1	38.2	5.8
1130130.75/11-**-XX	0.75	11	0.32	1.00	0.20	1.60	24.7	25.4	8.4
1130131/16-**-XX	1	16	0.32	1.20	0.20	1.75	18.5	19.1	10.9
1130131.25/16-**-XX	1.25	16	0.33	1.40	0.20	2.00	14.9	15.9	13.6

Table Notes

† Part No. code: XX = colour code — BK Black, WH White, RD Red, GN Green, BN Brown, BL Blue, OR Orange, YW Yellow, VT Violet, GY Grey, PK Pink, TN Tan, CL Clear.

‡ 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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