FLU6Y

200°C, 25/60V



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

Thermal Characteristics
Operating Temperature: 200°C

Electrical Characteristics
Operating Voltage: 25/60V

Application
Automotive Low-Voltage Circuits: Ultra-thin-wall, heat-resistant primary wiring for low-voltage automotive circuits.

General Characteristics
Ultra-Thin Wall: Ultra-thin insulation keeps the finished cable small for dense, lightweight harnesses.
Heat Stability: Holds its dimensions after heat exposure, with minimal shrinkage at the cable ends.

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	
160040.22/7-**-XX	0.22	7	0.21	0.70	0.16	1.05	84.8	86.5	3.4
160040.35/7-**-XX	0.35	7	0.26	0.80	0.16	1.20	54.4	55.5	4.5
160040.5/19-**-XX	0.5	19	0.19	1.00	0.16	1.40	37.1	38.2	6.3
160040.75/19-**-XX	0.75	19	0.24	1.20	0.16	1.60	24.7	25.4	8.8
160041/19-**-XX	1	19	0.26	1.35	0.16	1.75	18.5	19.1	11.2
160041.5/19-**-XX	1.5	19	0.32	1.70	0.16	2.10	12.7	13	16.5
160042.5/19-**-XX	2.5	19	0.41	2.20	0.20	2.70	7.6	7.82	27.3

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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