FL9Y

125°C, 25/60V



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

Thermal Characteristics
Operating Temperature: 125°C

Electrical Characteristics
Operating Voltage: 25/60V

Application
Automotive Low-Voltage Circuits: Heat-resistant primary wiring for low-voltage automotive circuits.

General Characteristics
Abrasion Resistance: Withstands abrasion and chafing in harness routing.
Fluid Resistance: Resists gasoline, diesel and engine oil in vehicle service.

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	
1150360.5/16-**-XX	0.5	16	0.21	1.10	0.48	2.30	37.1	38.2	7.7
1150360.75/24-**-XX	0.75	24	0.21	1.30	0.48	2.50	24.7	25.4	10.3
1150361/32-**-XX	1	32	0.21	1.50	0.48	2.70	18.5	19.1	13.0
1150361.5/30-**-XX	1.5	30	0.26	1.80	0.48	3.00	12.7	13	18.0
1150362/28-**-XX	2	28	0.31	2.00	0.48	3.30	9.42	9.69	23.2
1150362.5/50-**-XX	2.5	50	0.26	2.20	0.56	3.60	7.6	7.82	28.5
1150363/44-**-XX	3	44	0.31	2.40	0.56	4.10	6.15	6.36	35.2
1150364/56-**-XX	4	56	0.31	2.80	0.64	4.40	4.71	4.85	44.6
1150365/65-**-XX	5	65	0.32	3.10	0.64	4.90	3.94	4.02	55.6
1150366/84-**-XX	6	84	0.31	3.40	0.64	5.00	3.14	3.23	63.8

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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