FLR31Y

125°C, 25/60V



Construction
Conductor: Flexible Bare Copper or Flexible Tinned Copper
Insulation: Extruded · TPE-S

Thermal Characteristics
Operating Temperature: 125°C

Electrical Characteristics
Operating Voltage: 25/60V

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

General Characteristics
Cold Flexibility: Stays flexible and crack-free in cold conditions.
Thin-Wall Construction: Thin insulation keeps the harness bundle smaller and lighter.

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

FLR31Y-A

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	
1150370.13/7-**-XX	0.13	7	0.16	0.50	0.20	1.05	136	140	1.9
1150370.14/7-**-XX	0.14	7	0.16	0.50	0.20	1.05	136	140	2.5
1150370.22/7-**-XX	0.22	7	0.21	0.70	0.20	1.20	84.8	86.5	2.9
1150370.35/7-**-XX	0.35	7	0.26	0.80	0.20	1.30	54.4	55.5	4.5
1150370.5/19-**-XX	0.5	19	0.19	1.00	0.22	1.60	37.1	38.2	6.5
1150370.75/19-**-XX	0.75	19	0.24	1.20	0.24	1.90	24.7	25.4	8.7
1150371/19-**-XX	1	19	0.26	1.35	0.24	2.10	18.5	19.1	11.8
1150371.5/19-**-XX	1.5	19	0.32	1.70	0.24	2.40	12.7	13	16.1
1150372.5/19-**-XX	2.5	19	0.41	2.20	0.28	3.00	7.6	7.82	26.3

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.

FLR31Y-B

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	
1150370.22/28-**-XX	0.22	28	0.11	0.70	0.20	1.20	84.8	86.5	3.4

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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FLR31Y

125°C, 25/60V



FLR31Y-B

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	
1150370.35/12-**-XX	0.35	12	0.21	0.90	0.20	1.40	54.4	55.5	4.3
1150370.5/16-**-XX	0.5	16	0.21	1.00	0.22	1.60	37.1	38.2	6.0
1150370.75/24-**-XX	0.75	24	0.21	1.20	0.24	1.90	24.7	25.4	9.3
1150371/32-**-XX	1	32	0.21	1.35	0.24	2.10	18.5	19.1	12.0
1150371.5/30-**-XX	1.5	30	0.26	1.70	0.24	2.40	12.7	13	16.4
1150372/28-**-XX	2	28	0.31	2.00	0.28	2.80	9.42	9.69	21.6
1150372.5/50-**-XX	2.5	50	0.26	2.20	0.28	3.00	7.6	7.82	27.5
1150373/44-**-XX	3	44	0.31	2.40	0.32	3.40	6.15	6.36	32.3
1150374/56-**-XX	4	56	0.31	2.75	0.32	3.70	4.71	4.85	41.5
1150375/65-**-XX	5	65	0.32	3.25	0.32	4.20	3.94	4.02	52.3
1150376/84-**-XX	6	84	0.31	3.30	0.32	4.30	3.14	3.23	60.3

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