FLRY

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: Thin-wall primary wiring for low-voltage automotive circuits.

General Characteristics
Thin-Wall Construction: Thin insulation keeps the harness bundle smaller and lighter.
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.

RoHS COMPLIANT REACH COMPLIANT

FLRY-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	
1150010.08/7-**-XX	0.08	7	0.13	0.45	0.16	0.95	223	230	1.7
1150010.13/7-**-XX	0.13	7	0.16	0.50	0.20	1.05	136	140	2.1
1150010.14/7-**-XX	0.14	7	0.16	0.50	0.20	1.05	136	140	2.2
1150010.22/7-**-XX	0.22	7	0.21	0.70	0.20	1.20	84.8	86.5	3.2
1150010.35/7-**-XX	0.35	7	0.27	0.80	0.20	1.30	54.4	55.5	4.6
1150010.5/19-**-XX	0.5	19	0.19	1.00	0.22	1.60	37.1	38.2	6.5
1150010.75/19-**-XX	0.75	19	0.24	1.20	0.24	1.90	24.7	25.4	9.2
1150011/19-**-XX	1	19	0.27	1.35	0.24	2.10	18.5	19.1	12.0
1150011.25/19-**-XX	1.25	19	0.30	1.70	0.24	2.30	14.9	15.9	13.5
1150011.5/19-**-XX	1.5	19	0.33	1.70	0.24	2.40	12.7	13	16.9
1150012/19-**-XX	2	19	0.38	2.00	0.28	2.80	9.42	9.69	24.8
1150012.5/19-**-XX	2.5	19	0.41	2.20	0.28	3.00	7.6	7.82	27.5
1150012.5/37-**-XX	2.5	37	0.30	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.

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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FLRY

105°C, 25/60V



FLRY-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	
1150010.14/18-**-XX	0.14	18	0.11	0.50	0.23	1.20	136	140	2.2
1150010.22/128-**-XX	0.22	128	0.05	0.70	0.20	1.20	84.8	86.5	3.1
1150010.35/12-**-XX	0.35	12	0.21	0.90	0.20	1.40	54.4	55.5	4.6
1150010.35/45-**-XX	0.35	45	0.11	0.90	0.20	1.30	54.4	55.5	4.6
1150010.5/16-**-XX	0.5	16	0.21	1.00	0.22	1.60	37.1	38.2	6.5
1150010.75/24-**-XX	0.75	24	0.21	1.20	0.24	1.90	24.7	25.4	9.3
1150011/32-**-XX	1	32	0.21	1.35	0.24	2.10	18.5	19.1	12.2
1150011.25/16-**-XX	1.25	16	0.33	1.70	0.24	2.30	14.9	15.9	14.9
1150011.5/30-**-XX	1.5	30	0.26	1.70	0.24	2.40	12.7	13	17.2
1150012/28-**-XX	2	28	0.31	2.00	0.28	2.80	9.42	9.69	23.8
1150012.5/50-**-XX	2.5	50	0.26	2.20	0.28	3.00	7.6	7.82	26.3
1150013/44-**-XX	3	44	0.31	2.40	0.32	3.40	6.15	6.36	32.5
1150014/56-**-XX	4	56	0.31	2.80	0.32	3.70	4.71	4.85	41.5
1150015/65-**-XX	5	65	0.33	3.10	0.32	4.20	3.94	4.02	52.8
1150016/84-**-XX	6	84	0.31	3.40	0.32	4.30	3.14	3.23	60.6
1150018/50-**-XX	8	50	0.46	4.30	0.32	5.00	2.38	2.52	77.5
11500116/126-**-XX	16	126	0.41	6.30	0.52	7.20	1.16	1.18	152.3
11500125/196-**-XX	25	196	0.41	7.80	0.52	8.70	0.743	0.757	235.5

Table Notes

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