

FLRYY - A Automotive low voltage cable with reduces thickness of insulation made of PVC with regularly stranded conductor

FLRYY - B Automotive low voltage cable with reduces thickness of insulation made of PVC with irregularly stranded conductor



Application

Single conductor automotive cable designated for electric installations in vehicles

Construction

Conductor material	Copper multiwire, flexible
Insulation	Polyvinyl chloride

Standards and Certifications

ISO 6722-1 ; DIN 72551-6 ; ECE-R 118

Technical Data

Nominal voltage U ₀ [V]	60
Conductor	Cu-ETP1 (acc. to En13602) multi wire, flexible class B (acc. to ISO6722-1)
Insulation	Polyvinyl chloride class B (acc. to ISO 6722-1)
Temperature range	-40°C till +105°C

Fire classification CPR class

Reaction to fire EN 50575 - Eca

FLRYY - A Automotive low voltage cable regularly stranded
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Number of cores x Cross- section	Maximum single wire diameter [mm]	Maximum outer diameter [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
FLRY - A				
1 x 0.35	0.27	1.3	4.3	54.4
1 x 0.50	0.19	1.6	6.0	37.1
1 x 0.75	0.24	1.9	8.6	24.7
1 x 1.0	0.27	2.1	11.1	18.5
1 x 1.5	0.33	2.4	15.8	12.7
1 x 2.0	0.38	2.8	21	9.42
FLRY - B				
1 x 0.35	0.21	1.4	4.3	54.4
1 x 0.50	0.21	1.6	5.8	37.1
1 x 0.75	0.21	1.9	8.7	24.7
1 x 1.0	0.21	2.1	11.2	18.5
1 x 1.5	0.26	2.4	15.9	12.7
1 x 2.0	0.31	2.8	21.3	9.42
1 x 2.5	0.26	3.0	26.4	7.6
1 x 4.0	0.31	3.7	41.5	4.71
1 x 6.0	0.31	4.3	61.6	3.14
1 x 10.0	0.41	6.0	109.9	1.82
1 x 16.0	0.41	7.2	161.5	1.16
1 x 25.0	0.41	8.7	257.6	0.743
1 x 35.0	0.41	10.4	355.2	0.527
1 x 50.0	0.41	12.2	495.1	0.368
1 x 70.0	0.41	14.4	698.8	0.259

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