

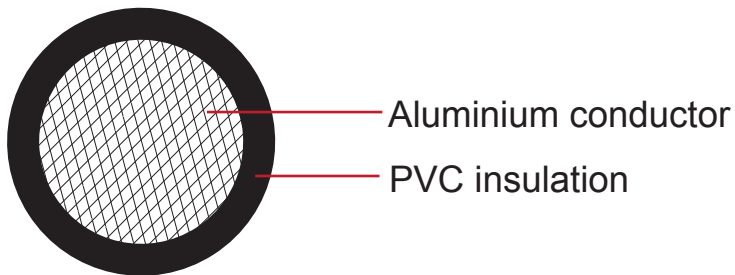
Automotive Cable

FLALRY

Application and Description:

This PVC insulated automotive cable is designed for telecommunication overhead contract line and electronics.

Cable Construction:



Aluminium conductor

PVC insulation

Conductor:

Aluminium 99.7% $\geq 1.25 \text{ mm}^2$

Aluminium alloy $< 1.25 \text{ mm}^2$

Insulation: PVC

Standard: ISO 6722 Class B

Special properties:

Cables with cross-sections $> 10 \text{ mm}^2$ can be used as battery cables

Considerable weight savings compared to copper

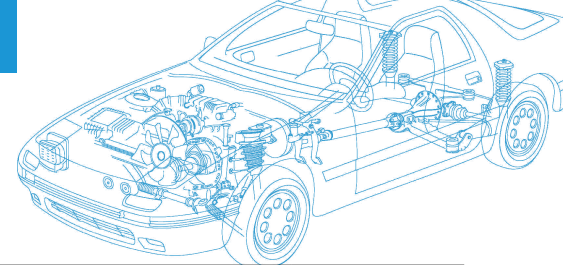
Technical Parameters:

Operating temperature: -40°C to $+105^\circ\text{C}$

Nominal Cross-section	Conductor Construction			Insulation Nominal Thickness	Cable		
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical Resistance at 20°C max.		Overall Diameter min.	Overall Diameter max.	Weight Approx.
mm ²	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x0.75	11/0.3	1.3	43.6	0.24	1.7	1.9	4
1x1.00	16/0.29	1.5	32.7	0.24	1.9	2.1	5
1x1.25	16/0.32	1.7	24.8	0.24	2.1	2.3	6
1x1.50	16/0.35	1.8	21.2	0.24	2.2	2.4	7
1x2.0	15/0.42	2.0	15.7	0.28	2.5	2.8	9



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mm ²	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x2.5	19/0.43	2.2	12.7	0.28	2.7	3.0	12
1x3.0	23/0.42	2.4	10.2	0.32	3.1	3.4	14
1x4.0	30/0.42	2.8	7.85	0.32	3.4	3.7	17
1x5.0	36/0.42	3.1	6.57	0.32	3.9	4.2	19
1x6.0	45/0.42	3.4	5.23	0.32	4.0	4.3	23
1x8.0	59/0.42	4.3	3.97	0.32	4.6	5.0	29
1x10.0	50/0.52	4.5	3.03	0.48	5.3	6.0	43
1x12.0	60/0.52	5.4	2.53	0.48	5.8	6.5	50
1x16.0	78/0.52	5.8	1.93	0.52	6.4	7.2	63

Note: Other configurations, sizes, colors and length not specified herein are available upon request.

