

Otomotiv Kabloları ECE-R118 / Automotive Cables ECE-R118 FLRY-B



► Application

These are thin walled cables ideal for use in automotives where its reduced insulation thickness and higher temperature withstanding properties serves its application in complex wiring harnesses.

► Standard

In accordance with ISO 6722 Voltage Rating
60 V D.C.; 25 V A.C. (Suitable for 12 Volts and 24 Volts systems)

► Temperature Range (3000 Hrs)

-40°C to +105°C

► Cable Construction

Soft annealed electrolytic copper Cu-ETP according to DIN EN 13602.
Conductor construction according to ISO 6722 PVC insulation, class B to ISO 6722

► Properties

The lead free, PVC polymer, offers excellent resistance to petrol, chemicals, and abrasion, and in addition is suitable for both low and high temperature applications. Flame retardant to ECE-R118

► Packing

Available in 100 mtrs. Longer length available in spools or wooden drums.

Nominal Cross-Section mm ²	No.of Strands	Max. Strand Diameter mm	Nominal Conductor Diameter mm	Max. DC Conductor Resistance at 20 C (Ω/km)		Minimum Insulation Thickness mm	Maximum Overall Diameter mm
				Plain Copper	Tinned Copper		
0.35	7x12	0.25	0.9	54.4	55.5	0.2	1.4
0.5	16	0.21	1.0	37.5	38.2	0.22	1.6
0.75	24	0.21	1.2	24.7/-	25.4	0.24	1.9
1	32	0.21	1.35	18.5	19.1	0.24	2.1
1.25	16	0.33	1.5	14.9	15.9	0.24	2.3
1.5	30	0.26	1.7	12.7	13	0.24	2.4
2	30	0.31	2.0	9.42	9.69	0.28	2.8
2.5	50	0.26	2.2	7.6	7.82	0.28	3
3	45	0.31	2.4	6.15	6.36	0.28	3.4
4	56	0.31	2.75	4.71	4.85	0.32	3.7
5	65	0.33	3.1	3.94	4.02	0.32	4.2
6	84	0.31	3.3	3.14	3.23	0.32	4.3
8	50	0.46	3.8	2.38	2.52	0.32	5
10	80	0.41	4.5	1.82	1.85	0.48	6
12	96	0.41	5.2	1.52	1.6	0.48	6.5
16	18	0.41	5.5	1.16	1.18	0.52	7.2
20	152	0.41	5.8	0.955	0.999	0.52	7.8
25	196	0.41	7.8	0.743	0.757	0.52	8.7