

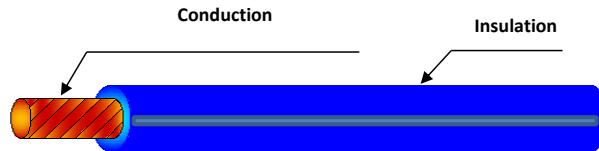
### APPLICATION

Wire harness of low-tension electric circuits for automobiles  
 FL : Automotive cable  
 R : Reduced wall thickness of insulation (Thin -wall)  
 Y : Polyvinyl Chloride (PVC) insulation

### FEATURES

Conductor : Soft-Annealed copper , Conductor according to ISO 6722-1  
 Insulation : Lead-free polyvinyl chloride , according to ISO 6722-1 , Class B  
 Standard : ISO 6722-1 , Ford ES-AU5T-1A348-AA , GM GMW15626

### CONSTRUCTION AND PERFORMANCE



Nominal size	Conductor (Annealed copper stranded conductors)			Insulation Thickness		Overall Diameter		Conductor resistance at 20°C		Approx. weight (g / m)	Standard length (m)
	No of strands	Strand Diamiter Max(mm)	Conductor Max(mm)	Nominal (mm)	Min (mm)	Min (mm)	Max (mm)	Min mW/m	Max mW/m		
FLRY-Type Conductor structure A (Symmetrical) , Thin-wall PVC insulation ,According ISO 6722-1											
0.35	7	0.27	0.90	0.25	0.20	1.2	1.3	50.00	54.40	5.0	1,500
0.50	19	0.19	1.10	0.28	0.22	1.4	1.6	34.10	37.10	7.0	1,000
0.75	19	0.24	1.30	0.30	0.24	1.7	1.9	22.70	24.70	9.0	1,000
1.00	19	0.27	1.50	0.30	0.24	1.9	2.1	17.00	18.50	11.0	1,000
1.25	19	0.3	1.70	0.30	0.24	2.1	2.3	13.70	14.90	15.0	800
1.50	19	0.33	1.80	0.30	0.24	2.2	2.4	11.70	12.70	16.0	800
2.00	19	0.38	2.00	0.35	0.28	2.5	2.8	8.66	9.42	22.0	500
2.50	37	0.28	2.20	0.35	0.28	3.0	3.0	6.99	7.60	26.0	500
FLRY-Type Conductor structure B (Asymmetrical) , Thin-wall PVC insulation ,According ISO 6722-1											
0.35	12	0.21	0.90	0.25	0.20	1.2	1.4	50.00	54.40	5	1,500
0.50	16	0.21	1.10	0.28	0.22	1.4	1.6	34.10	37.10	7	1,000
0.75	24	0.21	1.30	0.30	0.24	1.7	1.9	22.70	24.70	9	1,000
1.00	32	0.21	1.50	0.30	0.24	1.9	2.1	17.00	18.50	11	1,000
1.25	16	0.33	1.70	0.30	0.24	2.1	2.3	13.70	14.90	14	800
1.50	30	0.26	1.80	0.30	0.24	2.2	2.4	11.70	12.70	16	800
2.00	28	0.31	2.00	0.35	0.28	2.5	2.8	8.66	9.42	23	500
2.50	50	0.26	2.20	0.35	0.28	2.7	3.0	6.99	7.60	26	500
3.00	44	0.31	2.40	0.40	0.32	3.1	3.9	5.66	6.15	34	500
4.00	56	0.31	2.80	0.40	0.32	3.4	3.7	4.33	4.71	42	300
5.00	65	0.33	3.10	0.40	0.32	3.9	4.2	3.62	3.94	52	300
6.00	84	0.31	3.40	0.40	0.32	4.0	4.3	2.89	3.14	61	300
8.00	50	0.46	4.30	0.40	0.32	4.6	5.0	2.19	2.38	87	100
10.00	80	0.41	4.50	0.60	0.48	5.3	6.0	1.68	1.82	108	100
12.00	96	0.41	5.40	0.60	0.48	5.8	6.5	1.40	1.52	122	100
16.00	126	0.41	5.80	0.65	0.52	6.4	7.2	1.07	1.16	170	50

\*\* Temperature range - 40°C to +105°C (3,000 h) Class B



Restriction of Hazardous Substances



Registration Evaluation and Authorization of Chemicals



Flameability Resistance



Abration Resistance



Chemical Resistance