

FL11Y/FL91Y

Application:

This cable for connecting purpose with improved abrasion resistance for cars and other vehicles. Also could be battery cable.

Standards/Specification:

ISO6722



Construction:

- 1 Conductor: Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare or tinned. Conductor construction according to ISO 6722.
- 2 Insulation: FL11Y: TPE-U / FL91Y: TPE-O

Product Features:

Voltage rating: 60 V d.c, 25 V a.c.

Temperature range: FL11Y: -40 °C to +110°C (3000 h)
FL91Y: -40 °C to +125°C (3000 h)



Technical Data:

Nominal Cross-Section (mm ²)	Strand No./Max. Diameter (N/mm)	Max. Diameter of Conductor (mm)	Nominal Insulation Thickness (mm)	Max. Overall Diameter (mm)	Max. Conductor Resistance (20°C Ω/km)	Weight Approx. (kg/km)
6	84/0.31	3.4	0.8	5.0	3.14	66
10	80/0.41	4.5	1.0	6.5	1.82	109
16	126/0.41	5.8	1.0	8.3	1.16	176
25	196/0.41	7.2	1.3	10.4	0.743	273
35	276/0.41	8.5	1.3	11.6	0.527	355
50	396/0.41	10.5	1.5	13.5	0.368	511
70	360/0.51	12.5	1.5	15.5	0.259	705
95	475/0.51	14.8	1.6	18.0	0.196	905
120	608/0.51	16.5	1.6	19.7	0.153	1170