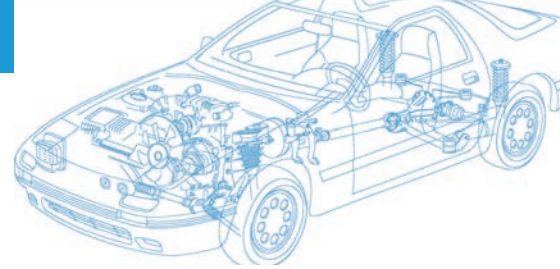


# Automotive Cable

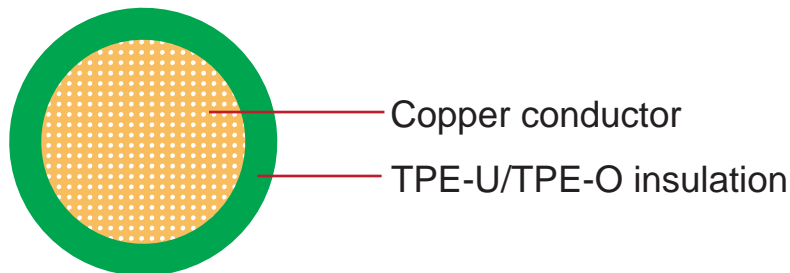


## FL91Y/FL11Y

### Application and Description:

This TPE insulated low-tension automotive cable is used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

### Cable Construction:



**Conductor:** Cu-ETP1 bare according to DIN EN 13602

#### Insulation:

TPE-U (FL11Y)  
TPE-O (FL91Y)

#### Standard:

ISO 6722 Class B (FL11Y)  
ISO 6722 Class C (FL91Y)

### Special properties:

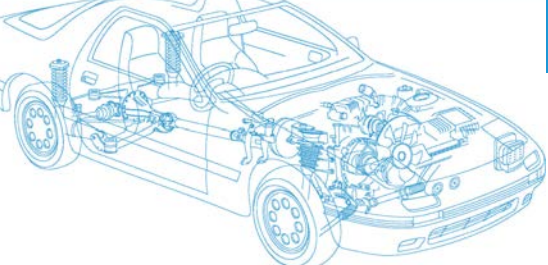
Flame retardant

Also available as aluminium battery cables.

### Technical Parameters:

Operating temperature:  $-40^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$  (FL11Y)  
 $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$  (FL91Y)

Nominal cross-section	Conductor Construction			Insulation	Cable		
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at $20^{\circ}\text{C}$ max.	Nominal thickness	Overall Diameter Min.	Overall Diameter Max.	Weight approx.
mm <sup>2</sup>	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x6	84/0.31	3.3	3.1	0.8	4.6	5.0	73



# Automotive Cable

Nominal cross-section	Conductor Construction			Insulation	Cable		
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at 20°C max.	Nominal thickness	Overall Diameter Min.	Overall Diameter Max.	Weight approx.
mm <sup>2</sup>	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x10	80/0.41	4.5	1.82	1.0	6.0	6.5	120
1x16	126/0.41	6.3	1.16	1.0	7.0	8.1	177
1x25	196/0.41	7.8	0.74	1.3	8.7	10.2	275
1x35	276/0.41	9.0	0.53	1.3	10.0	10.7	373
1x50	400/0.41	10.5	0.37	1.5	11.9	13.0	541
1x70	560/0.41	12.5	0.30	1.5	14.0	15.0	734
1x95	740/0.41	14.8	0.20	1.6	15.4	16.2	956
1x120	960/0.41	16.5	0.15	1.6	18.7	19.7	1218

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

