

	<b>DATA SHEET</b>	<b>18-06-2012</b>
	Single core car cable FLRY-B	

### **1. APPLICATION**

Cables are intended for use in road vehicles (FL) system installations with a rated voltage 60V DC  $\epsilon$ .

### **2. CONSTRUCTION**

Irregular conductor (B) is made of soft condensed copper wires. Isolation thinned (R) extruded PVC (Y) T2 heat resistant automotive.

### **3. COMPLIANCE**

**DIN 72551-6 :1996**

**ISO 6722: 2006**

### **4. TECHNICAL DATA**

**Working temperatures-** [°C] -40 up to 105

**Test voltage - RMS voltage, 50Hz [V]** 3000 for < 0,5 mm<sup>2</sup>  
5000 for > 0,5 mm<sup>2</sup>

Diameter [mm <sup>2</sup> ]	Number of wire	Wire diameter max [mm]	Wire stranded diameter max [mm]	Cable diameter [mm]		Resistance of conductor max. [W/km]
				max	toler.	
0,22 (Flry-A)	7	0,21	0,70	1,2	-0,1	84,8
0,35	12	0,21	0,90	1,4	-0,2	52,0
0,5	16		1,00	1,6		37,1
0,75	24		1,20	1,9		24,7
1	32		1,35	2,1		18,5
1,5	30	0,26	1,70	2,4		12,7
2,5	50	0,26	2,20	3,0	-0,3	7,6

**Cables meet the requirements of European directives and regulations:**

- **2000/53/EC – End of Life Vehicles Directive (ELV),**
- **2002/95/EC – Restriction of Hazardous Substances Directive (RoHS),**