

**Application**

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor
- ✓ Insulation : PVC (Poly Vinyl Chloride)
- ✓ Outer Sheath : TPE-U (Thermoplastic polyurethane elastomer with especially high resistance to hydrolysis)
- ✓ Colour : As per customer order.
- ✓ Multicore

**Technical Data**

- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm<sup>2</sup>  
5kV (r.m.s.) for cables ≥ 0.5 mm<sup>2</sup>
- ✓ FL : Automotive Cable
- ✓ R : Reduced wall thickness
- ✓ Y: PVC
- ✓ 11Y: TPE-U Sheath
- ✓ Standard : ISO6722, Class B

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with PVC insulation with increased mechanical strength.
- ✓ Extra flexibility.

Automotive Cables **FLRY11Y**

**2D View**



Approvals	Accreditations	Certifications

Part Number	Conductor Construction					Insulation Wall Thickness Nom.	Sheath Thickness	Cable		Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Core	No. of Strands	Diameter of Single wire max.	Conductor Diameter max.			Overall Diameter Max.	Weight Approx.		
	mm <sup>2</sup>	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	mtrs
8590802	0.75	2	42	0.16	1.2	0.40	0.8	5.6	47	24.7	500
8591003	1	3	32	0.21	1.5	0.35	0.7	6.0	54	18.5	500
8591303	1.5	3	30	0.26	1.7	0.40	0.75	6.9	71	13.3	500

Note : XX\*YY\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX YY while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 105°C and ambient air temperature of 40°C.
- ✓ \* Other length as per Customer order.

\*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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