

**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 EN 13602, bare conductor
- ✓ Insulation : Plasticized PVC with properties according to ISO 6722, Class B, Lead free
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

- ✓ Temperature Range : - 50°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
- ✓ YK : cold resistant PVC
- ✓ Standard : ISO 6722, Class B

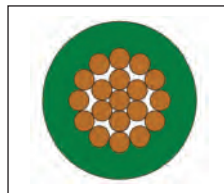
**Features**

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

Automotive Cables

FLYK

**2D View**



**Approvals Accreditations Certifications**



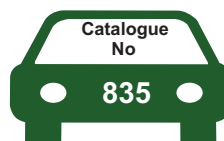
Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Current Carrying Capacity	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.		Overall Diameter Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
83506XX*	0.5	28	0.16	1.10	0.6	2.3	11	15	37.7	500
83508XX	0.75	42	0.16	1.30	0.6	2.5	14	19	25.1	500
83510XX	1	57	0.16	1.50	0.6	2.7	17	23	18.8	500
83513XX	4.5	84	0.16	1.80	0.6	3.0	23	29	12.7	500
83516XX	2.	140	0.16	2.30	0.7	3.9	36	40	7.54	500
83519XX	4	196	0.16	3.30	0.8	4.9	50	54	4.71	500
83523XX	6	294	0.16	4.20	0.8	5.6	70	69	3.14	500
83527XX	10	455	0.16	5.20	1.0	6.5	110	94	1.85	500
83528XX	16	490	0.21	6.70	1.0	7.9	173	126	1.16	500
83530XX	25	798	0.21	8.00	1.2	9.6	275	166	0.743	500

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