

**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 12602, bare conductor
- ✓ Insulation : PVC, Lead free, Class B.
- ✓ Colour : As per customer order.
- ✓ Single core
- ✓ Jacket : Foamed PVC, lead free

**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
- ✓ Y : PVC
- ✓ OY : Foamed PVC
- ✓ FL: Automotive cable
- ✓ Y: PVC
- ✓ K: Cold Resistance
- ✓ OY: Foamed PVC
- ✓ Standard : ISO 6722, Class B

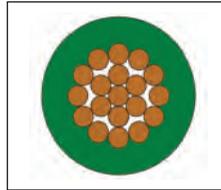
**Features**

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

Automotive Cables

FLYOY-FLYKOY

**2D View**



**Approvals Accreditations Certifications**



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Sheath Thickness	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	mm	kg/km	Amps	Ω/km	mtrs
85419XX*	4	56	0.31	2.75	0.8	2.0	8.4	123	61	4.71	500
85423XX	6	84	0.31	3.3	0.8	2.0	9.0	149	77	3.1	500
85427XX	10	80	0.41	4.5	1.0	3.0	12.8	267	263	1.82	500
85428XX	16	126	0.41	6.3	1.0	2.0	12.1	279	139	1.16	500
85434XX	50	396	0.41	10.5	0.8	1.4	15.1	587	337	0.368	500
85434XX	50	1600	0.21	10.9	0.8	1.4	15.1	592	415	0.386	500
85437XX	70	2200	0.21	13.3	1.0	1.6	18.3	870	492	0.272	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.



www.siechem.com