



### 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 : PP-FR (Polypropylene FR) Low halogen
- ✓ Colour : As per customer order.
- ✓ Single core

### Technical Data

- ✓ Temperature Range : - 40°C to +125°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>
- ✓ Standed : Ford ES-AU5T-1A348, ISO 6722, Class C FIAT 91107/17 Renault 36-05-009-N. VW 60306-1

### Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductors with PP Thin wall insulation with increased mechanical strength.
- ✓ Extra flexibility.

Automotive Cables

Auto 125 P (FLR9Y-A)



Part Number	Conductor Construction				Insulation Wall Thickness Min.	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 Max.		Overall Diameter Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
84105XX*	0.35	7	0.27	0.90	0.20	1.3	5	11	54.4	500
84106XX	0.5	19	0.19	1.10	0.22	1.6	7	15	37.1	500
84108XX	0.75	19	0.24	1.30	0.24	1.9	9	19	24.7	500
84110XX	1	19	0.27	1.50	0.24	2.1	13	23	18.5	500
84113XX	1.5	19	0.33	1.80	0.24	2.4	17	30	12.7	500
84114XX	2	19	0.38	2.00	0.28	2.8	22	37	9.42	500
S84116XX	2.5	19	0.41	2.20	0.28	3.0	27	42	7.6	500
84116XX	2.5	37	0.28	2.20	0.28	3.0	27	42	7.6	500
84117XX	3	37	0.34	2.40	0.32	3.4	34	48	6.15	500
84119XX	4	37	0.38	2.80	0.32	3.7	43	57	4.71	500
84123XX	6	37	0.45	3.40	0.32	4.3	63	74	3.14	500
84127XX	10	63	0.46	4.50	0.48	6.0	112	116	1.82	500
84128XX	16	105	0.46	5.80	0.52	7.2	172	146	1.16	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 of 125° 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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