



### Application

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

### Features

- ✓ Unilay conductor stranding .
- ✓ Thicker wall insulation
- ✓ Heat resistance
- ✓ Halogen free

### Product Construction

- ✓ Conductor : Soft / annealed Plain Copper according to ISO 6722 (Symmetrical)
- ✓ Insulation : Electron Beam crossed linked Polyolefin Class D (Thick wall )
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class D
- ✓ Single core, Single layer insulation

Automotive Cables

Auto 150 (Sym)

### Technical Data

- ✓ Temperature Range: -40°C to +150°C (3000 Hours)
- ✓ Standard : ISO 6722 Class D
- ✓ 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>

Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Nom. mm	Cable		Current Carrying Capacity Amps	Max. Conductor Resistance at 20°C Ω/km	Standard Length* mtrs
	Nominal Cross-Section mm <sup>2</sup>	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Overall Diameter Max. mm	Weight Approx. kg/km			
A81306XX*	0.50	19	0.19	1.10	0.60	2.30	10	18	37.1	1000
A81308XX	0.75	19	0.24	1.30	0.60	2.50	13	23	24.7	1000
A81310XX	1	19	0.27	1.50	0.60	2.70	15	28	18.5	1000
A81313XX	1.5	19	0.33	1.80	0.60	3.00	21	35	12.7	1000
A81314XX	2	19	0.38	2.00	0.60	3.30	26	42	9.42	1000
A81316XX	2.5	37	0.29	2.20	0.70	3.60	31	49	7.60	1000
A81317XX	3	37	0.34	2.40	0.70	4.10	41	56	6.15	1000
A81319XX	4	37	0.38	2.80	0.80	4.40	51	66	4.71	1000
A81321XX	5	37	0.43	3.10	0.80	4.90	63	74	3.94	1000
A81323XX	6	37	0.45	3.40	0.80	5.00	68	85	3.14	1000
A81327XX	10	63	0.46	4.50	1.00	6.50	115	120	1.82	1000
A81328XX	16	105	0.46	5.80	1.00	8.30	186	162	1.16	500
A81330XX	25	154	0.46	7.20	1.30	10.40	279	213	0.743	500
A81332XX	35	551	0.30	8.50	1.30	11.60	395	260	0.527	500
A81334XX	50	798	0.30	10.50	1.50	13.50	564	327	0.368	500
A81337XX	70	1140	0.30	12.50	1.50	15.50	788	418	0.259	500
A81338XX	95	836	0.40	14.80	1.60	18.00	1030	516	0.196	500
A81341XX	120	1064	0.40	16.50	1.60	19.70	1287	611	0.153	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	

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

- ✓ Current Carrying capacity given is for the maximum conductor operating of 150° C and ambient air temperature of 40°C.
- ✓ Cables are also available in dual coloured insulation
- ✓ \* Other length as per Customer order.



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