



### 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
- ✓ thick wall thickness

### Product Construction

- ✓ Conductor : Soft / annealed Plain Copper according to ISO 6722 (Symmetrical) tinned copper (optional)
- ✓ Insulation : PVC with properties according to ISO 6722 class A, Lead free (thick wall)
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class A
- ✓ Single core, Single layer insulation

### Technical Data

- ✓ Temperature Range: -40°C to +85°C (3000 Hours)
- ✓ Standard : ISO 6722 Class A
- ✓ 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>

**Automotive Cables**      **Auto 85**

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS <sup>TM</sup> Certification
LABCO	ARAI <sup>®</sup> Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

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 Max.		Overall Diameter Max.	Weight Approx.			
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
A82206XX*	0.50	19	0.19	1.10	0.60	2.30	10	13	37.1	1000
A82208XX	0.75	19	0.24	1.30	0.60	2.50	13	16	24.7	1000
A82210XX	1	19	0.27	1.50	0.60	2.70	15	19	18.5	1000
A82213XX	1.5	19	0.33	1.80	0.60	3.00	20	25	12.7	1000
A82214XX	2	19	0.38	2.00	0.60	3.30	26	29	9.42	1000
A82216XX	2.5	37	0.29	2.20	0.70	3.60	31	34	7.60	1000
A82217XX	3	37	0.34	2.40	0.70	4.10	41	39	6.15	1000
A82219XX	4	37	0.38	2.80	0.80	4.40	51	46	4.71	1000
A82221XX	5	37	0.43	3.10	0.80	4.90	63	252	3.94	1000
A82223XX	6	37	0.45	3.40	0.80	5.00	68	59	3.14	1000
A82227XX	10	63	0.46	4.50	1.00	6.50	115	83	1.82	1000
A82228XX	16	105	0.46	6.30	1.00	8.30	186	113	1.16	500
A82230XX	25	154	0.46	7.80	1.30	10.40	279	148	0.743	500
A82232XX	35	551	0.30	9.00	1.30	11.60	395	181	0.527	500
A82234XX	50	798	0.30	10.50	1.50	13.50	564	227	0.368	500
A82237XX	70	1140	0.30	12.50	1.50	15.50	788	290	0.259	500
A82238XX	95	836	0.40	14.80	1.60	18.00	1030	358	0.196	500
A82241XX	120	1064	0.40	16.50	1.60	19.70	1287	424	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	

- ✓ 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.



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr <sup>6+</sup> Free	PBB Free	PBDE Free
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