



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 Plain Copper according to ISO 6722 (Symmetrical)
- ✓ Insulation : Electron Beam Crossed Linked Polyolefin Class E(Thick wall)
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class E
- ✓ Single core, Single layer insulation

Technical Data

- ✓ Temperature Range: -40°C to +175°C (3000 Hours)
- ✓ Standard : ISO 6722 Class E
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Heat resistance
- ✓ Halogen free

Automotive
Cables

Auto 175

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS™ Certification
LABCO	ARAI® 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 ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
A84006XX*	0.50	19	0.19	1.10	0.60	2.30	10	20	37.1	1000
A84008XX	0.75	19	0.24	1.30	0.60	2.50	13	25	24.7	1000
A84010XX	1	19	0.27	1.50	0.60	2.70	15	30	18.5	1000
A84013XX	1.5	19	0.33	1.80	0.60	3.00	21	38	12.7	1000
A84014XX	2	19	0.38	2.00	0.60	3.30	26	45	9.42	1000
A84016XX	2.5	37	0.29	2.20	0.70	3.60	31	52	7.60	1000
A84017XX	3	37	0.34	2.40	0.70	4.10	41	60	6.15	1000
A84019XX	4	37	0.38	2.80	0.80	4.40	51	71	4.71	1000
A84021XX	5	37	0.43	3.10	0.80	4.90	63	80	3.94	1000
A84023XX	6	37	0.45	3.40	0.80	5.00	68	91	3.14	1000
A84027XX	10	63	0.46	4.50	1.00	6.50	115	129	1.82	1000
A84028XX	16	105	0.46	6.30	1.00	8.30	186	174	1.16	500
A84030XX	25	154	0.46	7.80	1.30	10.40	279	228	0.743	500
A84032XX	35	551	0.30	9.00	1.30	11.60	395	279	0.527	500
A84034XX	50	798	0.30	10.50	1.50	13.50	564	351	0.368	500
A84037XX	70	1140	0.30	12.50	1.50	15.50	788	449	0.259	500
A84038XX	95	836	0.40	14.80	1.60	18.00	1030	554	0.196	500
A84041XX	120	1064	0.4	16.50	1.60	19.70	1287	656	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 175°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 ⁶⁺ Free	PBB Free	PBDE Free
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