

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) 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

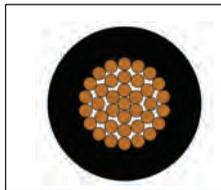
- ✓ Temperature Range: -40°C to +85°C (3000 Hours).
- ✓ Standard : ISO 6722 Class A
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²

Features

- ✓ Unilay conductor stranding
- ✓ thick wall thickness

Automotive Cables **Auto 85**

2D View



Approvals	Accreditations	Certifications

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
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	24	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	33	7.60	1000
A82217XX	3	37	0.34	2.40	0.70	4.10	41	38	6.15	1000
A82219XX	4	37	0.38	2.80	0.80	4.40	51	45	4.71	1000
A82221XX	5	37	0.43	3.10	0.80	4.90	63	52	3.94	1000
A82223XX	6	37	0.45	3.40	0.80	5.00	68	56	3.14	1000
A82227XX	10	63	0.46	4.50	1.00	6.50	115	79	1.82	1000
A82228XX	16	105	0.46	5.80	1.00	8.30	186	107	1.16	500
A82230XX	25	154	0.46	7.20	1.30	10.40	279	144	0.743	500
A82232XX	35	551	0.30	8.50	1.30	11.60	395	174	0.527	500
A82234XX	50	798	0.30	10.50	1.50	13.50	564	214	0.368	500
A82237XX	70	1140	0.30	12.50	1.50	15.50	788	263	0.259	500
A82238XX	95	836	0.40	14.80	1.60	18.00	1030	316	0.196	500
A82241XX	120	1064	0.40	16.50	1.60	19.70	1287	598	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 125° C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.



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