



### 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 : PVC with properties according to ISO 6722 class A, Lead free (Ultra Thin 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>

### Features

- ✓ Unilay conductor standing
- ✓ Reduced diameter / Very thin wall thickness
- ✓ Saving of insulation material, resulting in Substantial Weight reduction

Automotive Cables

Auto 85 - UTW

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 <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
A82406XX*	0.50	19	0.19	1.10	0.28	1.60	6	11	37.1	500
A82408XX	0.75	19	0.24	1.30	0.30	1.90	8	14	24.7	500
A82410XX	1	19	0.27	1.50	0.30	2.10	10	17	18.5	500
A82413XX	1.5	19	0.33	1.80	0.30	2.40	14	22	12.7	500
A82414XX	2	19	0.38	2.00	0.35	2.80	20	27	9.42	500
A82416XX	2.5	37	0.29	2.20	0.35	3.00	24	36	7.60	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 85° 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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