

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 C
- ✓ Colour : As per customer order
- ✓ Cable construction according to ISO 6722, Class C (Ultra Thin wall)
- ✓ Single core, Single layer insulation

Technical Data

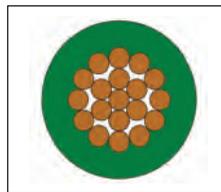
- ✓ Temperature Range : -40°C to + 125°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ UTW - Ultra Thin wall
- ✓ Specification : ISO 6722

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with Electron Beam cross linked polyolefin thin wall insulation with increased mechanical strength.
- ✓ Extra flexibility.
- ✓ Heat resistance
- ✓ Halogen free

Automotive Cables Auto 125 -UTW

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
A81206XX*	0.5	19	0.19	1.1	0.2	1.4	6	37.1	14	500
A81208XX	0.75	19	0.24	1.3	0.2	1.6	8	24.7	18	500
A81210XX	1	19	0.27	1.5	0.2	1.75	10	18.5	22	500
A81213XX	1.5	19	0.33	1.8	0.2	2.1	15	12.7	28	500
A81214XX	2	19	0.38	2.0	0.25	2.4	20	9.42	42	500
A81216XX	2.5	37	0.29	2.2	0.25	2.70	25	7.60	57	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 temperature of 125°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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