



Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Resistance To hydrolysis
- ✓ Resistance to battery cable
- ✓ Extra flexibility.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor
- ✓ Insulation : TPE-E
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : -40°C to + 150°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ Standard : ISO 6722, Class D

Automotive Cables **Auto 150A-B**

Approvals	Accreditations	Certifications

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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 Nom.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
84505XX*	0.35	12	0.21	0.9	0.35	1.6	5	13	52.0	500
84506XX	0.5	16	0.21	1	0.35	1.9	6	16	37.1	500
84508XX	0.75	24	0.21	1.2	0.35	2.1	9	22	24.7	500
84510XX	1	32	0.21	1.35	0.35	2.4	12	26	18.5	500
84513XX	1.5	30	0.26	1.7	0.35	2.9	16	33	12.7	500
84514XX	2	30	0.31	2	0.35	2.8	23	41	9.42	500
84516XX	2.5	50	0.26	2.2	0.35	3.0	26	47	7.6	500
84519XX	4	56	0.31	2.8	0.35	3.7	41	64	4.7	500
84523XX	6	84	0.31	3.4	0.35	4.3	60	83	3.1	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 150°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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