



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 electrolytic copper E-Cu ETP1 according to DIN 13602, bare conductor
- ✓ Insulation : PE-X, with properties according to ISO 6722, Class C
- ✓ Colour : As per customer order.
- ✓ Single core

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
- ✓ Standard : ISO 6722, Class C
- ✓ FL : Automotive Cable
- ✓ R : Reduced wall Thickness
- ✓ 2X : Cross Linked PE
- ✓ B : Asymmetrical

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Extra flexibility.

Automotive Cables

Auto 125X-B / FLR2X-B

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
84305XX*	0.35	12	0.21	0.90	0.25	1.4	5	12	54.4	500
84306XX	0.5	16	0.21	1.10	0.28	1.6	6	15	37.1	500
84308XX	0.75	24	0.21	1.30	0.30	1.9	9	20	24.7	500
84310XX	1	32	0.21	1.50	0.30	2.1	12	24	18.5	500
84313XX	1.5	30	0.26	1.80	0.30	2.4	17	30	12.7	500
84314XX	2	28	0.31	2.00	0.35	2.8	23	37	9.42	500
84316XX	2.5	50	0.26	2.20	0.35	3.0	26	42	7.60	500
84317XX	3	44	0.31	2.40	0.40	3.4	33	49	6.15	500
84319XX	4	56	0.31	2.80	0.40	3.7	41	58	4.71	500
84323XX	6	84	0.31	3.40	0.40	4.3	62	75	3.14	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 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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