

Application

- ✓ Light weight battery cable with standard aluminium conductor.
- ✓ Electrical vehicle charging station.
- ✓ Portable cables for hybrid & electric vehicles.
- ✓ Designed to be installed (both indoors and outdoors) at private homes, communal blocks, companies & other places.

Features

- ✓ Flame retardant.
- ✓ Electron Beam Cross-Linked.
- ✓ RoHS.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Light weight
- ✓ Excellent resistance to oil and flame.

Product Construction

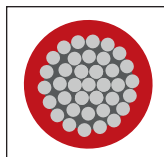
- ✓ Conductor : Aluminium Alloy Conductor EAL 99,7 acc. to EN 573-3 (Asymmetrical Structure B).
- ✓ Insulation : EBXL-XLPE (Reduced wall thickness).
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Min. Bending radius : 5 x Cable OD (Static).
- ✓ FL : Automotive Cable.
- ✓ AL : Aluminium.
- ✓ R : Reduced wall thickness.
- ✓ 2X : (Polyethylene cross-linked).
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4, LV 112-2.

Automotive Cables
FLALR2X-B

2D View



Approvals Accreditations Certifications



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Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D30817XX*	3	23	0.42	2.40	0.32	3.1	3.4	14	10.9	19	500
D30819XX	4	30	0.42	2.80	0.32	3.4	3.7	17	8.32	58	500
D30821XX	5	36	0.42	3.10	0.32	3.9	4.2	21	6.96	66	500
D30823XX	6	45	0.42	3.40	0.32	4.0	4.3	24	5.55	75	500
D30827XX	10	50	0.52	4.50	0.48	5.3	6.0	42	3.21	104	500
D308A11XX	12	60	0.52	5.40	0.48	5.8	6.5	48	2.68	116	500
D30828XX	16	78	0.52	6.30	0.52	6.4	7.2	60	2.05	140	500
D30856XX	20	95	0.52	6.90	0.52	7.0	7.8	65	1.69	152	500
D30830XX	25	122	0.52	7.80	0.52	7.9	8.7	85	1.31	190	500
D30857XX	30	141	0.52	8.30	0.64	8.7	9.6	103	1.14	208	500
D30832XX	35	172	0.52	9.00	0.64	9.4	10.4	125	0.931	230	500
D30858XX	40	193	0.52	9.60	0.71	10.0	11.1	140	0.835	248	500
D30834XX	50	247	0.52	10.50	0.71	11.0	12.2	165	0.650	285	500
D30835XX	60	289	0.52	11.60	0.80	12.0	13.3	198	0.556	300	500
D30837XX	70	351	0.52	12.50	0.80	13.0	14.4	230	0.457	350	500
D30859XX	85	420	0.52	13.6	0.90	14.4	15.8	280	0.387	375	500
D30838XX	95	463	0.52	14.80	0.90	15.3	16.7	310	0.346	396	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	

Note :

- ✓ *Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient air temperature of 40°C.
- ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.


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