

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

Product Construction

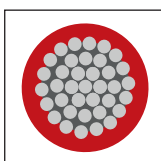
- ✓ Conductor : Aluminium Conductor
EAL 99,7 acc. to EN 573-3
(Asymmetrical Structure B).
- ✓ Insulation : EBXL - XLPE
(Standard wall thickness).
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range :
-40°C to 150°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 5 x Cable OD(Static).
- ✓ FL : Automotive Cable.
- ✓ AL : Aluminium.
- ✓ 2X : PE-X(Polyethylen cross-linked).
- ✓ B - Structure B.
- ✓ Standard : LV 216-2, ISO 19642-4.

**Automotive
Cables**
FLAL2X - 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
D30927XX*	10	50	0.52	4.5	0.8	5.9	6.5	113	3.03	93	500
D30928XX	16	78	0.52	6.3	0.8	7.7	8.3	172	1.93	126	500
D30930XX	25	122	0.52	7.8	1.04	9.4	10.4	269	1.24	165	500
D30932XX	35	172	0.52	9.0	1.04	9.6	11.6	367	0.878	201	500
D30958XX	40	193	0.52	9.6	1.12	11.2	12.4	419	0.788	215	500
D30934XX	50	247	0.52	10.5	1.20	11.5	13.5	512	0.613	248	500
D30935XX	60	289	0.52	11.6	1.20	13.4	14.6	616	0.525	273	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 150°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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