

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.

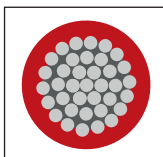
Product Construction

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

 Automotive
Cables

FLALR2X-A

2D View



Technical Data

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

Approvals Accreditations Certifications



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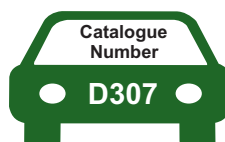
Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D30708XX*	0.75	7	0.38	1.3	0.24	1.7	1.9	4	43.6	19	500
D30710XX	1.00	7	0.43	1.5	0.24	1.9	2.1	5	32.7	24	500
D30712XX	1.25	19	0.30	1.7	0.24	2.1	2.3	5.5	26.3	27	500
D30713XX	1.50	19	0.32	1.8	0.24	2.2	2.4	6.5	22.4	30	500
D30714XX	2.00	19	0.37	2.0	0.28	2.5	2.8	9	16.6	37	500
D30716XX	2.50	19	0.43	2.2	0.28	2.7	3.0	11	13.4	42	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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