

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.

Product Construction

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

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.
- ✓ 9Y : PP (Polypropylene).
- ✓ A - Structure A
- ✓ Standard : ISO 19642-4, LV 112-2.

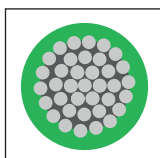
Features

- ✓ 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.

Automotive
Cables

FLALR9Y-A

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
D31008XX*	0.75	7	0.38	1.3	0.24	1.7	1.9	4	43.6	15	500
D31010XX	1.00	7	0.43	1.5	0.24	1.9	2.1	4.5	32.7	18	500
D31012XX	1.25	19	0.30	1.7	0.24	2.1	2.3	5	26.3	21	500
D31013XX	1.50	19	0.32	1.8	0.24	2.2	2.4	6	22.4	23	500
D31014XX	2.00	19	0.37	2.0	0.28	2.5	2.8	8	16.6	28	500
D31016XX	2.50	19	0.43	2.2	0.28	2.7	3.0	10	13.4	32	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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