

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

Product Construction

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

Automotive Cables

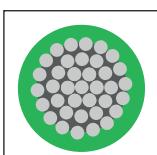
FLAL11Y - B

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.
- ✓ 11Y : Polyurethane.
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4.

Approvals	Accreditations	Certifications

2D View



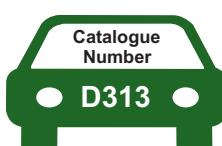
Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D31327XX*	10.00	50	0.52	4.5	0.80	5.9	6.5	48	3.03	85	500
D31328XX	16.00	78	0.52	6.3	0.80	7.7	8.3	78	1.93	115	500
D31330XX	25.00	122	0.52	7.8	1.04	9.4	10.4	118	1.24	151	500
D31335XX	35.00	141	0.52	9.0	1.04	9.6	11.6	155	0.878	185	500
D31334XX	50.00	247	0.52	10.5	1.20	11.5	13.5	205	0.613	233	500
D31335XX	60.00	289	0.52	11.6	1.20	13.4	14.6	245	0.525	262	500
D31337XX	70.00	351	0.52	12.5	1.20	13.5	15.5	270	0.432	297	500
D31359XX	85.00	420	0.52	13.6	1.28	14.8	16.8	330	0.365	336	500
D31338XX	95.00	463	0.52	14.8	1.28	16.0	18.0	370	0.327	367	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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