

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

Technical Data

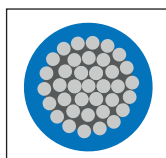
- ✓ Temperature Range :
-40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Min. Bending radius : 5 x Cable OD(Static).
- ✓ FL - Automotive Cable.
- ✓ AL - Aluminium.
- ✓ 9Y - Polypropylene.
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4, LV 112-2.

Features

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

Automotive Cables
FLAL9Y - 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
D58925XX*	8.00	59	0.42	4.3	0.64	5.0	5.9	34	3.97	71	500
D58927XX	10.00	50	0.52	4.5	0.80	5.9	6.5	43	3.03	83	500
D58928XX	16.00	78	0.52	6.3	0.80	7.7	8.3	65	1.93	113	500
D58930XX	25.00	122	0.52	7.8	1.04	9.4	10.4	102	1.24	147	500
D58932XX	35.00	172	0.52	9.0	1.04	9.6	11.6	134	0.878	180	500
D58958XX	40.00	193	0.52	9.6	1.12	11.2	12.4	153	0.788	192	500
D58934XX	50.00	247	0.52	10.5	1.20	11.5	13.5	187	0.613	222	500
D58923XX	60.00	289	0.52	11.6	1.20	13.4	14.6	219	0.525	244	500
D58937XX	70.00	351	0.52	12.5	1.20	13.5	15.5	251	0.432	273	500
D58959XX	85.00	420	0.52	13.6	1.28	14.8	16.8	301	0.365	302	500
D58938XX	95.00	463	0.52	14.8	1.28	16.0	18.0	333	0.327	324	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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