

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 EAL99.7 acc. to EN 573-3.
- ✓ Insulation : EBXL - PP Standard wall thickness.
- ✓ Colour : As per customer order.

Technical Data

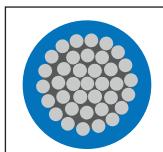
- ✓ Temperature Range : -40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Min. Bending radius : 5 x Cable OD(Static).
- ✓ FL - Automotive Cable.
- ✓ AL - Aluminium.
- ✓ 9Y - Polypropylene.
- ✓ F - Flexible.
- ✓ Standard : ISO 19642-4, LV 112-2.

Features

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

Automotive Cables **FLAL9Y - F**

2D View



Approvals	Accreditations	Certifications
**		

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.				
D66734XX*	50.00	646	0.33	10.50	1.20	11.50	13.50	187	0.613	291	500
D66735XX	60.00	741	0.33	11.60	1.20	13.40	14.60	219	0.525	327	500
D66737XX	70.00	855	0.33	12.50	1.20	13.50	15.50	251	0.432	359	500
D66759XX	85.00	1064	0.33	13.60	1.28	14.80	16.80	301	0.365	420	500
D66738XX	95.00	1178	0.33	14.80	1.28	16.00	18.00	333	0.327	428	500
D66741XX	120.00	608	0.52	16.50	1.28	17.70	19.70	410	0.255	509	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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