

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.
- ✓ 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
- ✓ Insulation : EBXL - PVC (Standard wall thickness).
- ✓ Colour : As per customer order.

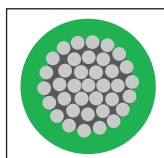
Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Thermal Overload : 175°C short term.
- ✓ Min. Bending radius : 5 x Cable OD(Static).
- ✓ FL : Automotive Cable.
- ✓ AL : Aluminium.
- ✓ YW : Soft-PVC (Polyvinyl chloride, Heat-resistant).
- ✓ F - Flexible.
- ✓ Standard : ISO 19642-4.

Automotive Cables

FLALYW - F

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Current Carrying Capacity Amps	Standard Length* mtrs
	Nominal Cross-Section mm ²	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm				
D66534XX*	50	646	0.33	10.50	1.20	11.50	13.50	212	0.613	291	500
D66535XX	60	741	0.33	11.60	1.20	13.40	14.60	246	0.525	327	500
D66537XX	70	855	0.33	12.50	1.20	13.50	15.50	279	0.432	359	500
D66559XX	85	1064	0.33	13.60	1.28	14.80	16.80	334	0.365	420	500
D66538XX	95	1178	0.33	14.80	1.28	16.00	18.00	369	0.327	428	500
D66541XX	120	608	0.52	16.50	1.28	17.70	19.70	449	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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