

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 (Asymmetrical Structure B).
- ✓ Insulation : EBXL - PVC (Standard 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.
- ✓ YW : PVC (Polyvinyl chloride, Heat-resistant).
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4, LV 112-2.

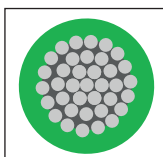
Features

- ✓ 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

FLALYW - B

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.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D30627XX*	10	50	0.52	4.5	0.80	5.9	6.5	51	3.21	84	500
D306A11XX	12	60	0.52	5.4	0.80	6.6	7.4	60	2.68	93	500
D30628XX	16	78	0.52	6.3	0.80	7.7	8.3	75	2.05	113	500
D30656XX	20	95	0.52	6.9	0.88	8.1	9.1	92	1.69	127	500
D30630XX	25	122	0.52	7.8	1.04	9.4	10.4	118	1.31	148	500
D30657XX	30	141	0.52	8.3	1.04	9.7	10.9	134	1.14	161	500
D30632XX	35	172	0.52	9.0	1.04	9.6	11.6	152	0.931	181	500
D30658XX	40	193	0.52	9.6	1.12	11.2	12.4	174	0.835	194	500
D30634XX	50	247	0.52	10.5	1.20	11.5	13.5	212	0.650	223	500
D30635XX	60	289	0.52	11.6	1.20	13.4	14.6	246	0.556	246	500
D30637XX	70	351	0.52	12.5	1.20	13.5	15.5	279	0.457	275	500
D30659XX	85	420	0.51	13.6	1.28	14.8	16.8	334	0.387	303	500
D30638XX	95	463	0.52	14.8	1.28	16.0	18.0	369	0.346	325	500
D30641XX	120	305	0.72	16.5	1.28	17.7	19.7	449	0.270	376	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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