

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 EN573-3
(Symmetrical Structure A).
- ✓ Insulation : EBXL - PVC
(Standard wall thickness).
- ✓ Colour : As per customer order.

Technical Data

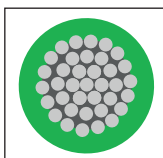
- ✓ Temperature Range :
-40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Min. Bending radius : 5 x Cable OD (Static).
- ✓ FL : Automotive Cable.
- ✓ AL : Aluminium.
- ✓ YW : Soft-PVC (Polyvinyl chloride, Heat-resistant).
- ✓ A - Structure A.
- ✓ Standard : ISO 19642-4, LV 112-2.

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 - A

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				
D66408XX*	0.75	7	0.38	1.30	0.48	2.20	2.50	7	41.2	21	500
D66410XX	1.00	7	0.43	1.50	0.48	2.40	2.70	9	30.8	25	500
D66412XX	1.25	19	0.30	1.70	0.48	2.70	2.95	10	24.8	29	500
D66413XX	1.50	19	0.32	1.80	0.48	3.00	3.00	11	21.2	32	500
D66414XX	2.00	19	0.37	2.00	0.48	3.30	3.30	13	15.7	38	500
D66416XX	2.50	19	0.43	2.20	0.56	3.80	3.60	16	12.7	44	500
D66417XX	3.00	19	0.46	2.40	0.56	4.00	4.10	18	10.2	50	500
D66419XX	4.00	37	0.38	2.80	0.64	4.50	4.40	24	7.85	60	500
D66421XX	5.00	37	0.41	3.10	0.64	4.60	4.90	27	6.57	67	500
D66423XX	6.00	37	0.46	3.40	0.64	5.00	5.00	31	5.23	77	500
D66425XX	8.00	59	0.42	4.30	0.64	5.90	5.90	37	3.97	88	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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