

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.
- ✓ RoHS.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Light weight
- ✓ Excellent resistance to oil and flame.

Product Construction

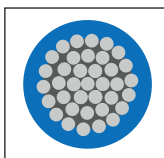
- ✓ Conductor : Aluminium Alloy Conductor
EAL 99,7 acc. to EN 573-3
(Asymmetrical Structure B).
- ✓ Insulation : EBXL - XLPE
(Standard wall thickness).
- ✓ Colour : As per customer order.

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.
- ✓ 2X : PE-X(Polyethylen cross-linked).
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4, LV 112-2.

**Automotive
Cables**
FLAL2X-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
D48927XX*	10	50	0.52	4.5	0.80	5.9	6.5	53	3.21	109	500
D48928XX	16	78	0.52	6.3	0.80	7.7	8.3	78	2.05	147	500
D48930XX	25	122	0.52	7.8	1.04	9.4	10.4	121	1.31	193	500
D48932XX	35	172	0.52	9.0	1.04	9.6	11.6	156	0.931	236	500
D48958XX	40	193	0.52	9.6	1.12	11.2	12.4	178	0.835	256	500
D48934XX	50	247	0.52	10.5	1.20	11.5	13.5	215	0.650	291	500
D48935XX	60	289	0.52	11.6	1.20	13.4	14.6	250	0.556	327	500
D48959XX	85	420	0.52	13.6	1.28	14.8	16.8	337	0.387	420	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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