

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 or EAL 99.7 acc. to EN573-3.
- ✓ Insulation : EBXL - XLPE, Zero halogen, flame retardant. (Reduced wall thickness).
- ✓ Colour : As per customer order.

Technical Data

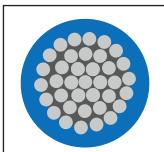
- ✓ Temperature Range : -40°C to 125°C / 3000h
- ✓ Voltage level : 60V.
- ✓ Min. Bending radius : 5 x Cable OD (Static).
- ✓ FL : Automotive Cable.
- ✓ AL : Aluminium.
- ✓ R : Reduced wall thickness.
- ✓ 2X : PE-X(Polyethylen cross-linked).
- ✓ Standard : ISO 19642-4, LV 112-2.

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 **FLAL2X-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.				
D66641XX	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
	120	305	0.72	14.6	1.28	17.7	19.7	1211	0.255	415	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.



www.siechem.com