

**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**

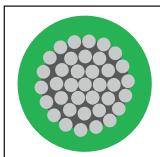
- ✓ Conductor : Aluminium Alloy Conductor (Symmetrical Structure A).
- ✓ Insulation : PVC (Reduced wall thickness).
- ✓ Color : As per Customer Order.

**Technical Data**

- ✓ Temperature Range : -40°C to 105°C / 3000 hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 5 x Cable OD (Static).
- ✓ FL - Automotive Cable.
- ✓ AL - Aluminium.
- ✓ R - Reduced wall.
- ✓ Y - PVC(Polyvinyl chloride plasticized).
- ✓ A - Structure A.
- ✓ Standard : ISO 19642-4, LV 112-2.

**Features**

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

Automotive  
Cables      FLALRY - A**2D View**

Approvals	Accreditations	Certifications

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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 <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D20008XX*	0.75	7	0.38	1.3	0.24	1.7	1.9	4	43.6	14	500
D20010XX	1.00	7	0.43	1.5	0.24	1.9	2.1	5	32.7	16	500
D20012XX	1.25	19	0.30	1.7	0.24	2.1	2.3	6	26.3	19	500
D20013XX	1.50	19	0.32	1.8	0.24	2.2	2.4	7	22.4	21	500
D20014XX	2.00	19	0.37	2.0	0.28	2.5	2.8	10	16.6	26	500
D20016XX	2.50	19	0.43	2.2	0.28	2.7	3.0	11	13.4	29	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 105°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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