

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.
- ✓ 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 (Asymmetrical Structure B).
- ✓ Insulation : PVC (Reduced wall thickness).
- ✓ Color : As per Customer order.

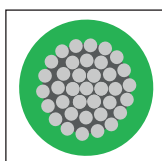
Technical Data

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

 Automotive
Cables

FLALRY - 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
D20317XX*	3.00	23	0.42	2.4	0.32	3.1	3.4	14	10.2	34	500
D20319XX	4.00	30	0.42	2.8	0.32	3.4	3.7	17	7.85	40	500
D20321XX	5.00	36	0.42	3.1	0.32	3.9	4.2	22	6.57	45	500
D20323XX	6.00	45	0.42	3.4	0.32	4.0	4.3	24	5.23	52	500
D20325XX	8.00	59	0.42	4.3	0.32	4.6	5.0	32	3.97	63	500
D20327XX	10.00	50	0.52	4.5	0.48	5.3	6.0	42	3.03	75	500
D203A11XX	12.00	60	0.52	5.4	0.48	5.8	6.5	50	2.53	85	500
D20328XX	16.00	78	0.52	6.3	0.52	6.4	7.2	62	1.93	101	500
D20356XX	20.00	95	0.52	6.9	0.52	7.0	7.8	80	1.59	114	500
D20330XX	25.00	122	0.52	7.8	0.52	7.9	8.7	95	1.24	133	500
D20357XX	30.00	141	0.52	8.3	0.64	8.7	9.6	115	1.08	145	500
D20332XX	35.00	172	0.52	9.0	0.64	9.4	10.4	145	0.878	164	500
D20358XX	40.00	193	0.52	9.6	0.71	10.0	11.1	150	0.788	175	500
D20334XX	50.00	247	0.52	10.5	0.71	11.0	12.2	185	0.613	202	500
D20335XX	60.00	289	0.52	11.6	0.80	12.0	13.3	220	0.525	223	500
D20337XX	70.00	351	0.52	12.5	0.80	13.0	14.4	252	0.432	241	500
D20359XX	85.00	420	0.52	13.6	0.90	14.4	15.8	310	0.365	275	500
D20338XX	95.00	463	0.52	14.8	0.90	15.3	16.7	340	0.327	295	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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