

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 EAL 99,7 acc. to EN 573-3 (Asymmetrical Structure B).
- ✓ Insulation : EBXL - PVC (Reduced wall thickness).
- ✓ Color : 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
- ✓ R - Reduced wall thickness
- ✓ YW - PVC (Polyvinyl chloride, heat-resistant).
- ✓ B - Structure B.
- ✓ Standard : ISO 19642-4, LV 112-2.

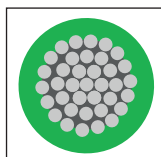
Features

- ✓ 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

FLALRYW - B

2D View



Approvals	Accreditations	Certifications
ISO 9001, ISO 14001, ISO 45001, CE, RoHS, REACH, BSE, ABS, RISO, SGS, ecovadis	ISO 9001, ISO 14001, ISO 45001, CE, RoHS, REACH, BSE, ABS, RISO, SGS, ecovadis	IRIS, ARAI, LAB CO, TUV, BASEC, UL, BSE, REACH, CE, ISO 9001, ISO 14001, ISO 45001

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
D24217XX*	3.00	23	0.42	2.40	0.32	3.1	3.4	15	10.9	38	500
D24219XX	4.00	30	0.42	2.80	0.32	3.4	3.7	18	8.32	45	500
D24221XX	5.00	36	0.42	3.10	0.32	3.9	4.2	21	6.96	51	500
D24223XX	6.00	45	0.42	3.40	0.32	4.0	4.3	24	5.55	58	500
D24225XX	8.00	59	0.42	4.30	0.32	4.6	5.0	32	4.20	70	500
D24227XX	10.00	50	0.52	4.50	0.48	5.3	6.0	42	3.21	83	500
D242A11XX	12.00	60	0.52	5.40	0.48	5.8	6.5	52	2.68	94	500
D24228XX	16.00	78	0.52	6.30	0.52	6.4	7.2	65	2.05	112	500
D24256XX	20.00	95	0.52	6.90	0.52	7.0	7.8	80	1.69	127	500
D24230XX	25.00	122	0.52	7.80	0.52	7.9	8.7	95	1.31	148	500
D24257XX	30.00	141	0.52	8.30	0.64	8.7	9.6	115	1.14	161	500
D24232XX	35.00	172	0.52	9.0	0.64	9.4	10.4	135	0.931	182	500
D24258XX	40.00	193	0.52	9.6	0.71	10.0	11.1	155	0.835	194	500
D24234XX	50.00	247	0.52	10.5	0.71	11.0	12.2	185	0.650	225	500
D24235XX	60.00	289	0.52	11.6	0.80	12.0	13.3	225	0.556	248	500
D24237XX	70.00	351	0.52	12.5	0.80	13.0	14.4	255	0.457	277	500
D24259XX	85.00	420	0.52	13.6	0.90	14.4	15.8	305	0.387	305	500
D24238XX	95.00	463	0.52	14.80	0.90	15.3	16.7	345	0.346	328	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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