

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 (Symmetrical Structure A).
- ✓ 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).
- ✓ A - Structure A.
- ✓ Standard : ISO 19642-4, LV 112-2.

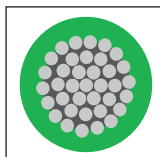
Features

- ✓ 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 - A

2D View



Approvals	Accreditations	Certifications
ISO 9001, ISO 14001, ISO 45001, IATF 16949:2016, IRIS certification	ISO 9001, ISO 14001, ISO 45001, IATF 16949:2016, IRIS certification	IRIS certification
BSI, DNV, TUV, ARAI, LAB CO	BSI, DNV, TUV, ARAI, LAB CO	BSI, DNV, TUV, ARAI, LAB CO
CE, REACH, RoHS, UL, BASEC, TUV	CE, REACH, RoHS, UL, BASEC, TUV	CE, REACH, RoHS, UL, BASEC, TUV
BSI, DNV, TUV, ARAI, LAB CO	BSI, DNV, TUV, ARAI, LAB CO	BSI, DNV, TUV, ARAI, LAB CO

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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 ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D28308XX*	0.75	7	0.38	1.3	0.24	1.7	1.9	5	43.6	15	500
D28310XX	1.00	7	0.43	1.5	0.24	1.9	2.1	6	32.7	18	500
D28312XX	1.25	19	0.30	1.7	0.24	2.1	2.3	7	26.3	21	500
D28313XX	1.50	19	0.32	1.8	0.24	2.2	2.4	8	22.4	23	500
D28314XX	2.00	19	0.37	2.0	0.28	2.5	2.8	10	16.6	28	500
D28316XX	2.50	19	0.43	2.2	0.28	2.7	3.0	12	13.4	32	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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