

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

Product Construction

- ✓ Conductor : Bare copper conductor, (Symmetrical Structure A)
- ✓ Insulation : EBXL-XLPE (Reduced wall thickness)
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 3xCable OD
- ✓ Standard: ISO 19642-3 MBN LV 112-1 (Class C)

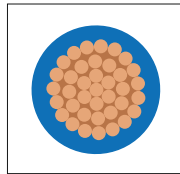
Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Electron beam cross linked.
- ✓ RoHS.

Automotive
Cables

FLR2X - A
Battery

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
D47925XX	8.00	98	0.33	4.3	0.32	4.6	5.0	84	2.38	91	500
D47927XX	10.00	63	0.46	4.5	0.48	5.3	6.0	108	1.82	104	500
D47956XX	20.00	247	0.33	6.9	0.52	7.0	7.8	211	0.955	152	500
D47930XX	25.00	154	0.46	7.8	0.52	7.9	8.7	254	0.743	190	500
D47932XX	35.00	551	0.30	9.00	0.64	9.40	10.40	385	0.527	230	500
D47958XX	40.00	494	0.33	9.60	0.71	10.00	11.10	419	0.473	248	500
D47934XX	50.00	798	0.30	10.50	0.71	11.00	12.20	553	0.368	285	500
D47937XX	70.00	1140	0.30	12.50	0.80	13.00	14.40	785	0.259	350	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	

- ✓ * Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient 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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