

### 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.

### Features

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

### Product Construction

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

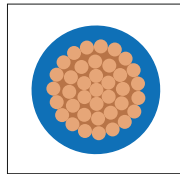
### Technical Data

- ✓ 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)

Automotive  
Cables

FLR2X - B  
Battery

### 2D View



### Approvals Accreditations Certifications

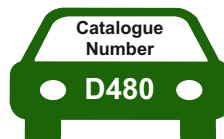


Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Current Carrying Capacity Amps	Standard Length* mtrs
	Nominal Cross-Section mm <sup>2</sup>	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm				
D48025XX	8.00	62	0.41	4.3	0.32	4.6	5.0	84	2.38	91	500
D48027XX	10.00	80	0.41	4.5	0.48	5.3	6.0	108	1.82	104	500
D480A11XX	12.00	96	0.41	5.4	0.52	5.8	6.5	121	1.52	116	500
D48028XX	16.00	126	0.41	6.3	0.52	6.4	7.2	157	1.16	140	500
D48056XX	20.00	156	0.41	6.9	0.52	7.0	7.8	211	0.955	152	500
D48030XX	25.00	196	0.41	7.8	0.52	7.9	8.7	254	0.743	190	500
D48032XX	35.00	276	0.41	9.0	0.64	9.4	10.4	385	0.527	230	500
D48034XX	50.00	396	0.41	10.5	0.72	11.0	12.2	553	0.368	285	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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