

### 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.
- ✓ RoHS

### Product Construction

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

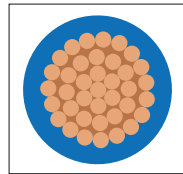
### Technical Data

- ✓ Temperature Range :  
-40°C to 125°C / 3000hrs
- ✓ Voltage : 60V
- ✓ Min. Bending radius : 5xcable OD
- ✓ Standard: ISO 19642-3,  
MBN LV 112-1 (Class C).

Automotive  
Cables

FLR2X - S  
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 <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D48225XX	8.00	116	0.31	4.3	0.32	4.6	5.0	82	2.38	91	500
D48227XX	10.00	144	0.31	4.5	0.48	5.3	6.0	110	1.82	104	500
D482A11XX	12.00	174	0.31	5.4	0.48	5.8	6.5	130	1.52	116	500
D48228XX	16.00	228	0.31	6.3	0.52	6.4	7.2	170	1.16	140	500
D48256XX	20.00	276	0.31	6.9	0.52	7.0	7.8	205	0.955	152	500
D48230XX	25.00	355	0.31	7.8	0.52	7.9	8.7	255	0.743	190	500
D48257XX	30.00	408	0.31	8.3	0.64	8.7	9.6	299	0.647	208	500
D48232XX	35.00	501	0.31	9.0	0.64	9.4	10.4	348	0.527	230	500
D48258XX	40.00	558	0.31	9.6	0.71	10.0	11.1	400	0.473	248	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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