

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

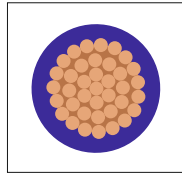
- ✓ Conductor : Bare copper conductor, (Asymmetrical Structure B).
- ✓ Insulation : EBXL - XLPE Zero halogen, Flame retardant (Thick wall).

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**
FL2X - B

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
D21819XX	4.00	56	0.31	2.8	0.64	4.00	4.40	46	4.71	60	500
D21823XX	6.00	84	0.31	3.4	0.64	4.60	5.00	65	3.14	77	500
D21827XX	10.00	80	0.41	4.5	0.8	5.90	6.50	105	1.82	109	500
D218A11XX	12.00	96	0.41	5.4	0.8	6.60	7.40	120	1.52	120	500
D21828XX	16.00	126	0.41	6.3	0.8	7.70	8.30	163	1.16	147	500
D21856XX	20.00	152	0.41	6.9	0.88	8.10	9.10	215	0.955	170	500
D21830XX	25.00	196	0.41	7.8	1.04	9.40	10.40	280	0.743	193	500
D21832XX	35.00	276	0.41	9.0	1.04	9.60	11.90	343	0.527	236	500
D21834XX	50.00	396	0.41	10.5	1.2	11.50	13.50	491	0.368	291	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.


www.siechem.com