

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 : Standard Bare copper conductor, Symmetrical Structure A.
- ✓ Insulation : Silicon rubber. (Reduced wall thickness).
- ✓ Color : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 200°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 5xCable OD.
- ✓ FL : Automotive cable.
- ✓ R : Reduced wall thickness.
- ✓ 2G : Silicone Rubber (SIR).
- ✓ Standard : ISO 19642-3.

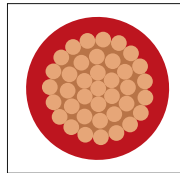
Features

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

Automotive Cables

FLR2G-A

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 mm²	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm				
D22006XX	0.50	19	0.19	1.10	0.22	1.40	1.60	7	37.1	19	500
D22008XX	0.75	19	0.24	1.30	0.24	1.70	1.90	10	24.7	24	500
D22010XX	1.00	19	0.27	1.50	0.24	1.90	2.10	12	18.5	29	500
D22013XX	1.50	19	0.33	1.80	0.24	2.20	2.40	18	12.7	38	500
D22014XX	2.00	19	0.38	2.00	0.28	2.50	2.80	23	9.42	46	500
D22017XX	3.00	37	0.34	2.40	0.32	3.10	3.40	35	6.15	61	500
D22019XX	4.00	37	0.38	2.80	0.32	3.40	3.70	42	4.71	72	500
D22023XX	6.00	37	0.45	3.40	0.32	4.00	4.30	58	3.14	93	500
D22027XX	10.00	63	0.46	4.50	0.48	5.30	6.00	102	1.82	135	500
D220A11XX	12.00	154	0.33	5.40	0.48	5.80	6.50	128	1.52	153	500
D22028XX	16.00	105	0.46	6.30	0.52	6.40	7.20	168	1.16	181	500
D22056XX	20.00	247	0.33	6.90	0.52	7.00	7.80	203	0.955	205	500
D22030XX	25.00	154	0.46	7.80	0.52	7.90	8.70	242	0.743	239	500
D22057XX	30.00	361	0.33	8.30	0.64	8.70	9.60	291	0.647	257	500
D22032XX	35.00	551	0.30	9.00	0.64	9.40	10.40	366	0.527	294	500
D22058XX	40.00	494	0.33	9.60	0.71	10.00	11.10	397	0.473	315	500
D22034XX	50.00	798	0.30	10.50	0.71	11.00	12.20	528	0.368	364	500
D22037XX	70.00	1140	0.30	12.50	0.80	13.00	14.40	752	0.259	449	500
D22038XX	95.00	836	0.40	14.80	0.90	15.30	16.70	977	0.196	532	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 200°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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