

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, (Asymmetrical Structure B).
- ✓ Insulation : Ethylene Tetrafluoroethylene (ETFE). (Thin wall thickness).
- ✓ Color : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 175°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius : 5xCable OD.
- ✓ FL : Automotive cable.
- ✓ R : Reduced wall thickness.
- ✓ 7Y : Ethylene Tetrafluoroethylene (ETFE).
- ✓ A5 : Class E.
- ✓ Standard: ES-AU5T-1A348-AA.

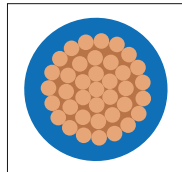
Features

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

Automotive
Cables

FLR7Y-A5-TBD

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
C85805XX	0.35	12	0.21	0.90	0.20	1.20	1.40	5	54.4	14	500
C85806XX	0.50	16	0.21	1.10	0.22	1.40	1.60	6	37.1	18	500
C85808XX	0.75	24	0.21	1.30	0.24	1.70	1.90	9	24.7	23	500
C85810XX	1.00	32	0.21	1.50	0.24	1.90	2.10	12	18.5	28	500
C85813XX	1.50	30	0.26	1.80	0.24	2.20	2.40	17	12.7	36	500
C85814XX	2.00	28	0.31	2.00	0.28	2.50	2.80	22	9.42	44	500
C85816XX	2.50	50	0.26	2.20	0.28	2.70	3.00	27	7.60	50	500
C85817XX	3.00	44	0.31	2.40	0.32	3.10	3.40	33	6.15	58	500
C85819XX	4.00	56	0.31	2.80	0.32	3.40	3.70	41	4.71	68	500
C85821XX	5.00	65	0.33	3.10	0.32	3.90	4.20	52	3.94	78	500
C85823XX	6.00	84	0.31	3.40	0.32	4.00	4.30	62	3.14	89	500
C85827XX	10.00	80	0.41	4.50	0.48	5.30	6.00	106	1.82	128	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 175°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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