

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, Symmetrical Structure A.
- ✓ Insulation : Ethylene Tetrafluoroethylene (ETFE). (Thin wall thickness).
- ✓ Colour : 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.

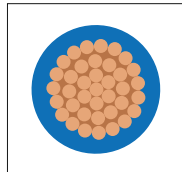
Features

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

Automotive
Cables

FLR7Y-A5-TAD

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
C85702XX	0.22	7	0.21	0.70	0.20	1.10	1.20	3	84.8	11	500
C85705XX	0.35	7	0.27	0.90	0.20	1.20	1.40	5	54.4	14	500
C85706XX	0.50	19	0.19	1.10	0.22	1.40	1.60	6	37.1	18	500
C85708XX	0.75	19	0.24	1.30	0.24	1.70	1.90	9	24.7	23	500
C85710XX	1.00	19	0.27	1.50	0.24	1.90	2.10	12	18.5	28	500
C85713XX	1.50	19	0.33	1.80	0.24	2.20	2.40	17	12.7	36	500
C85714XX	2.00	19	0.38	2.00	0.28	2.50	2.80	22	9.42	44	500
C85716XX	2.50	37	0.29	2.20	0.28	2.70	3.00	27	7.60	50	500
C85717XX	3.00	37	0.34	2.40	0.32	3.10	3.40	33	6.15	58	500
C85719XX	4.00	37	0.38	2.80	0.32	3.40	3.70	41	4.71	68	500
C85721XX	5.00	37	0.43	3.10	0.32	3.90	4.20	52	3.94	78	500
C85723XX	6.00	37	0.45	3.40	0.32	4.00	4.30	62	3.14	89	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.



www.siechem.com