

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

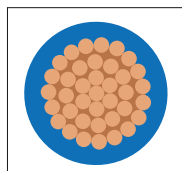
- ✓ Conductor : Bare copper conductor, (Asymmetrical Structure C).
- ✓ Insulation : Ethylene Tetrafluoroethylene (ETFE). (Thin wall thickness).
- ✓ Color : As per customer order.

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.

**Automotive
Cables**
FLR7Y-A5-TC

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
D50205XX	0.35	19	0.16	0.90	0.20	1.20	1.40	5	54.4	14	500
D50206XX	0.50	38	0.14	1.10	0.22	1.40	1.60	6	37.1	18	500
D50208XX	0.75	38	0.16	1.30	0.24	1.70	1.90	9	24.7	23	500
D50210XX	1.00	54	0.16	1.50	0.24	1.90	2.10	12	18.5	28	500
D50213XX	1.50	76	0.16	1.80	0.24	2.20	2.40	17	12.7	36	500
D50214XX	2.00	105	0.16	2.00	0.28	2.50	2.80	22	9.42	44	500
D50216XX	2.50	140	0.16	2.20	0.28	2.70	3.00	27	7.60	50	500
D50217XX	3.00	160	0.16	2.40	0.32	3.10	3.40	33	6.15	58	500
D50219XX	4.00	224	0.16	2.80	0.32	3.40	3.70	41	4.71	68	500
D50221XX	5.00	250	0.16	3.10	0.32	3.90	4.20	52	3.94	78	500
D50223XX	6.00	189	0.21	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.



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