

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 : Fluorinated Ethylene Propylene (FEP), (Thin 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 Cables.
- ✓ R : Reduced wall thickness.
- ✓ 6Y : Fluorinated Ethylene Propylene (FEP).
- ✓ A6 : Class F.
- ✓ Standard: ES-AU5T-1A348-AA.

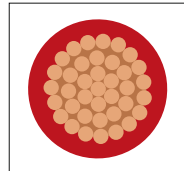
Features

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

Automotive Cables

FLR6Y-A6-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
D27505XX	0.35	12	0.21	0.90	0.20	1.20	1.40	5	54.4	14	500
D27506XX	0.50	16	0.21	1.10	0.22	1.40	1.60	7	37.1	18	500
D27508XX	0.75	24	0.21	1.30	0.24	1.70	1.90	9	24.7	24	500
D27510XX	1.00	32	0.21	1.50	0.24	1.90	2.10	13	18.5	29	500
D27513XX	1.50	30	0.26	1.80	0.24	2.20	2.40	17	12.7	37	500
D27514XX	2.00	28	0.31	2.00	0.28	2.50	2.80	23	9.42	50	500
D27516XX	2.50	50	0.26	2.20	0.28	2.70	3.00	28	7.60	52	500
D27517XX	3.00	44	0.31	2.40	0.32	3.10	3.40	35	6.15	64	500
D27519XX	4.00	56	0.31	2.80	0.32	3.40	3.70	42	4.71	70	500
D27523XX	6.00	84	0.31	3.40	0.32	4.00	4.30	63	3.14	75	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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