

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Features

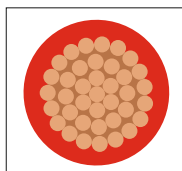
- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Stranded bare copper conductor, (Symmetrical Structure A).
- ✓ Insulation : PVC (Reduced Wall thickness).
- ✓ Color : As per customer order.

Automotive Cables **FLRYW-A**

2D View



Technical Data

- ✓ Temperature Range :
-40°C to 125°C / 3000hrs.
-40°C to 110°C / 3000hrs.
- ✓ Voltage : 60V
- ✓ Min. Bending radius: 5 x Cable OD.
- ✓ Standard : Class C (125°C) :ISO 19642-3.

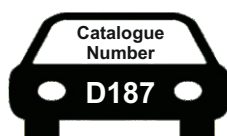


Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable			Max. Conductor Resistance at 20°C	Current carrying capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Overall Diameter		Weight Approx.			
						Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D18705XX	0.35	7	0.27	0.90	0.20	1.20	1.40	5	54.4	12	500
D18706XX	0.50	19	0.19	1.10	0.22	1.40	1.60	7	37.1	15	500
D18708XX	0.75	19	0.24	1.30	0.24	1.70	1.90	9	24.7	19	500
D18710XX	1.00	19	0.27	1.50	0.24	1.90	2.10	12	18.5	24	500
D18713XX	1.50	19	0.33	1.80	0.24	2.20	2.40	16	12.7	30	500
D18714XX	2.00	19	0.38	2.00	0.28	2.50	2.80	21	9.42	37	500
D18716XX	2.50	37	0.29	2.20	0.28	2.70	3.00	27	7.60	42	500
D18717XX	3.00	37	0.34	2.40	0.32	3.10	3.40	32	6.15	49	500
D18719XX	4.00	37	0.38	2.80	0.32	3.40	3.70	42	4.71	58	500
D18721XX	5.00	37	0.43	3.10	0.32	3.90	4.20	52	3.94	66	500
D18723XX	6.00	37	0.45	3.40	0.32	4.00	4.30	61	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 125°C and ambient temperature of 40°C.



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