

**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.

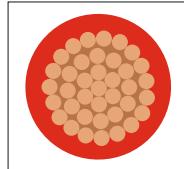
Product Construction

- ✓ Conductor : Bare copper conductor, Asymmetrical Structure C.
- ✓ Insulation : PVC (Reduced Wall thickness).
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs
- ✓ Voltage : 60V
- ✓ Min. Bending radius: 5xCable OD.
- ✓ Standard: ISO 19642-3.

Automotive Cables FLRYW-C

2D View

Approvals	Accreditations	Certifications
**		

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				
D47525XX	8.00	240	0.21	4.30	0.32	4.60	5.00	84	2.38	91	500				
D47527XX	10.00	320	0.21	4.50	0.48	5.30	6.00	110	1.82	104	500				
D475A11XX	12.00	380	0.21	5.40	0.48	5.80	6.50	128	1.52	116	500				
D47528XX	16.00	512	0.21	6.30	0.52	6.40	7.20	169	1.16	140	500				
D47556XX	20.00	610	0.21	6.90	0.52	7.00	7.80	205	0.955	152	500				
D47530XX	25.00	790	0.21	7.80	0.52	7.90	8.70	260	0.743	190	500				
D47557XX	30.00	900	0.22	8.30	0.64	8.70	9.60	300	0.647	208	500				
D47532XX	35.00	1070	0.21	9.00	0.64	9.40	10.40	360	0.527	230	500				
D47534XX	50.00	1200	0.21	10.50	0.71	11.00	12.20	495	0.368	285	500				
D47537XX	70.00	1600	0.21	12.50	0.80	13.00	14.40	700	0.259	350	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.
- ✓ ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



www.siechem.com