

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.

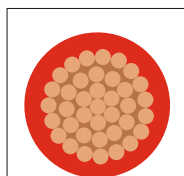
Product Construction

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

Automotive
Cables

FLRYW-B

2D View



Technical Data

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

Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable			Max. Conductor Resistance at 20°C	Current carrying capacity at ambient temperature 40°C	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
D47405XX	0.35	12	0.21	0.90	0.20	1.20	1.40	5	54.4	12	500
D47406XX	0.50	16	0.21	1.10	0.22	1.40	1.60	7	37.1	15	500
D47408XX	0.75	24	0.21	1.30	0.24	1.70	1.90	9	24.7	19	500
D47410XX	1.00	32	0.21	1.50	0.24	1.90	2.10	12	18.5	24	500
D47412XX	1.25	16	0.33	1.70	0.24	2.10	2.30	14	14.9	27	500
D47413XX	1.50	30	0.26	1.80	0.24	2.20	2.40	16	12.7	30	500
D47414XX	2.00	28	0.31	2.00	0.28	2.50	2.80	21	9.42	37	500
D47416XX	2.50	50	0.26	2.20	0.28	2.70	3.00	27	7.60	42	500
D47417XX	3.00	44	0.31	2.40	0.32	3.10	3.40	32	6.15	49	500
D47419XX	4.00	56	0.31	2.80	0.32	3.40	3.70	42	4.71	58	500
D47421XX	5.00	65	0.33	3.10	0.32	3.90	4.20	52	3.94	66	500
D47423XX	6.00	84	0.31	3.40	0.32	4.00	4.30	61	3.14	75	500
D47427XX	10.00	80	0.41	4.50	0.48	5.00	5.30	110	1.82	104	500
D474A11XX	12.00	96	0.41	5.40	0.48	5.80	6.00	128	1.52	116	500
D47428XX	16.00	126	0.41	6.30	0.52	6.40	6.50	169	1.16	140	500
D47456XX	20.00	152	0.41	6.90	0.52	7.00	7.20	205	0.955	152	500
D47430XX	25.00	196	0.41	7.80	0.52	7.90	8.70	260	0.743	190	500
D47432XX	35.00	276	0.41	9.00	0.64	9.40	10.40	360	0.527	230	500
D47434XX	50.00	396	0.41	10.50	0.71	11.00	12.20	495	0.368	285	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.


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