

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.
- ✓ Electron beam cross linked.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor, (Asymmetrical Structure C), (Tinned on request).
- ✓ Insulation : EBXL-XLPE, Flame retardant. (Reduced Wall thickness).
- ✓ Colour : As per customer order.

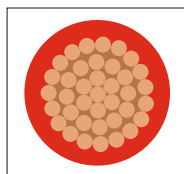
Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs
- ✓ Voltage : 60V.
- ✓ Min. Bending radius: 3xCable OD.
- ✓ Standard : ISO 19642-3, LV 112.

Automotive Cables

FLR2X-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.	Bare	Tinned		
						Min.	Max.					
	mm²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	Amps	mtrs
D47805XX	0.35	19	0.16	0.90	0.20	1.20	1.40	5	54.4	55.5	12	500
D47806XX	0.50	26	0.16	1.10	0.22	1.40	1.60	7	37.1	38.2	15	500
D47808XX	0.75	38	0.16	1.30	0.24	1.70	1.90	10	24.7	25.4	19	500
D47810XX	1.00	54	0.16	1.50	0.24	1.90	2.10	13	18.5	19.1	24	500
D47813XX	1.50	75	0.16	1.80	0.24	2.20	2.40	17	12.7	13.0	30	500
D47814XX	2.00	105	0.16	2.00	0.28	2.50	2.80	23	9.42	9.69	37	500
D47816XX	2.50	140	0.16	2.20	0.28	2.70	3.00	30	7.60	7.82	42	500
D47817XX	3.00	160	0.16	2.40	0.32	3.10	3.40	35	6.15	6.36	49	500
D47819XX	4.00	224	0.16	2.80	0.32	3.40	3.70	47	4.71	4.85	58	500
D47821XX	5.00	250	0.16	3.10	0.32	3.90	4.20	53	3.94	4.02	66	500
D47823XX	6.00	320	0.16	3.40	0.32	4.00	4.30	66	3.14	3.23	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
- ✓ Part number given is for Bare copper, the letter 'T' should added for Tinned copper (Eg: TD47805XX).
- ✓ ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.


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