

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 : Flexible bare copper conductor (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.

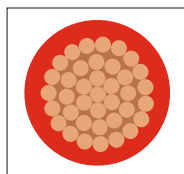
Features

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

Automotive Cables

FLR2X-F

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.					
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	Amps	mtrs
D49723XX	6.00	189	0.21	3.40	0.32	4.00	4.30	67	3.14	3.23	75	500
D49725XX	8.00	240	0.21	4.30	0.32	4.60	5.00	84	2.38	2.52	91	500
D49727XX	10.00	320	0.21	4.50	0.48	5.30	6.00	114	1.82	1.85	104	500
D497A11XX	12.00	380	0.21	5.40	0.48	5.80	6.50	134	1.52	1.60	116	500
D49728XX	16.00	512	0.21	6.30	0.52	6.40	7.20	179	1.16	1.18	140	500
D49756XX	20.00	610	0.21	6.90	0.52	7.00	7.80	211	0.955	0.999	152	500
D49730XX	25.00	790	0.21	7.80	0.52	7.90	8.70	270	0.743	0.757	190	500
D49757XX	30.00	903	0.21	8.30	0.64	8.70	9.60	312	0.647	0.684	208	500
D49732XX	35.00	1102	0.21	9.00	0.64	9.40	10.40	377	0.527	0.538	230	500
D49758XX	40.00	1235	0.21	9.60	0.71	10.00	11.10	424	0.473	0.500	248	500
D49734XX	50.00	1600	0.21	10.50	0.71	11.00	12.20	543	0.368	0.375	285	500
D49735XX	60.00	1841	0.21	11.60	0.80	12.00	13.30	627	0.315	0.333	317	500
D49737XX	70.00	2147	0.21	12.50	0.80	13.00	14.40	727	0.259	0.264	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
- ✓ 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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