



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

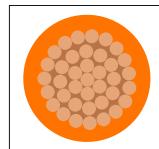
- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Electron beam cross linked.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor (Tinned on request). (Symmetrical Structure A).
- ✓ Insulation : EBXL-XLPE, (Zero halogen, Flame retardant) (Reduced wall thickness).
- ✓ Colour : As per customer order.



2D View



Technical Data

- ✓ Temperature Range : -40°C to 125°C
- ✓ Voltage : 600V AC/ 1000V DC
- ✓ Min. Bending radius: 3 x Cable OD.
- ✓ Standard: ISO 19642-5, LV 216-1.



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.		Core Diameter		Weight Approx.							
						Min.	Max.								
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs				
D39606XX	0.50	19	0.19	1.0	0.48	2.0	2.3	9	37.1	16	500				
D39608XX	0.75	19	0.24	1.2	0.48	2.2	2.5	12	24.7	22	500				
D39610XX	1.00	19	0.27	1.4	0.48	2.4	2.7	15	18.5	26	500				
D39613XX	1.50	19	0.33	1.6	0.48	2.7	3.0	20	12.7	33	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 150°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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