

### 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

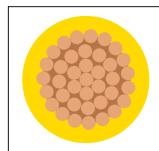
- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Light weight
- ✓ Excellent resistance to oil and flame.
- ✓ RoHS.

### Product Construction

- ✓ Conductor : Bare half hard copper.
- ✓ Insulation : Plasticized PVC (Reduced wall thickness).
- ✓ Colour : As per customer order.



### 2D View



### Technical Data

- ✓ Temperature Range : -40°C to 105°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Y : PVC
- ✓ A : Structure A.
- ✓ H : Half hard copper.
- ✓ Standard : TPJLR. 18. 007.

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.		Core Diameter		Weight Approx.							
						Min.	Max.								
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs				
D30102XX	0.22	7	0.21	0.70	0.20	1.10	1.20	3	84.4	9	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 105°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.

