

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

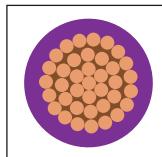
- ✓ Flame retardant.
- ✓ RoHS.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Light weight
- ✓ Excellent resistance to oil and flame.

Product Construction

- ✓ Conductor : Stranded Hard Copper alloy CuSn 0.3
- ✓ Insulation : Plasticized PVC, (Thin wall thickness).
- ✓ Colour : As per customer order.

Automotive Cables B2M

2D View



Technical Data

- ✓ Temperature Range : -40°C to 100°C / 3000 hrs
- ✓ Voltage : 60V.
- ✓ B2 - Temperature B.
- ✓ M - Copper.
- ✓ Standard : PSA B25 1110.

| Approvals | Accreditations | Certifications |
|-----------|----------------|----------------|
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| Part Number | Conductor Construction | | | | Insulation Wall Thickness Min. | Cable Overall Diameter | | Weight Approx. | 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. | | Min. | Max. | | | | |
| | mm ² | nos. | mm | mm | mm | mm | mm | kg/km | Ω/km | Amps | mtrs |
| D30002XX* | 0.22 | 7 | 0.21 | 0.7 | 0.22 | 1.10 | 1.20 | 3 | 84.8 | 8 | 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 | |

Note :

- ✓ *Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 105°C and ambient air 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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