

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.

Product Construction

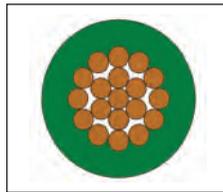
- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor
- ✓ Insulation : TPE-E
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +150°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm²
5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ Standard : ISO 6722 , Class D

Automotive Cables **Auto 150A-A**

2D View



Approvals | Accreditations | Certifications



| Part Number | Conductor Construction | | | | Insulation Wall Thickness Nom. | Cable | | Current Carrying Capacity | Max. Conductor Resistance at 20°C | Standard Length* |
|-------------|------------------------|----------------|------------------------------|-------------------------|--------------------------------|-----------------------|----------------|---------------------------|-----------------------------------|------------------|
| | Nominal Cross-Section | No. of Strands | Diameter of Single wire max. | Conductor Diameter Nom. | | Overall Diameter Max. | Weight Approx. | | | |
| | mm ² | nos. | mm | mm | mm | mm | kg/km | Amps | Ω/km | mtrs |
| 84405XX* | 0.35 | 7 | 0.26 | 0.80 | 0.35 | 1.3 | 5 | 12 | 52.0 | 500 |
| 84406XX | 0.5 | 19 | 0.19 | 1.10 | 0.35 | 1.6 | 6 | 16 | 37.1 | 500 |
| 84408XX | 0.75 | 19 | 0.23 | 1.20 | 0.35 | 1.9 | 9 | 22 | 24.1 | 500 |
| 84410XX | 1 | 19 | 0.26 | 1.35 | 0.35 | 2.1 | 11 | 26 | 18.5 | 500 |
| 84413XX | 1.5 | 19 | 0.32 | 1.70 | 0.35 | 2.4 | 17 | 33 | 12.7 | 500 |
| 84414XX | 2 | 19 | 0.37 | 2.00 | 0.35 | 2.8 | 21 | 41 | 9.42 | 500 |
| 84416XX | 2.5 | 19 | 0.41 | 2.20 | 0.35 | 3.0 | 26 | 47 | 7.6 | 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 | |

✓ Current Carrying capacity given is for the maximum conductor operating temperature of 150°C and ambient temperature of 40°C.

✓ * Other length as per Customer order.

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog



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