

### 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.
- ✓ RoHS.

### Product Construction

- ✓ Conductor : Bare copper conductor, (Symmetrical structure A).
- ✓ Insulation : Fluorinated Ethylene Propylene. (Reduced wall thickness).
- ✓ Color : As per customer order.

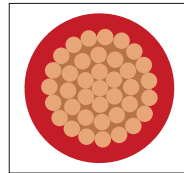
### Technical Data

- ✓ Temperature Range : -40°C to 200°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : ISO 19642-3

Automotive Cables

R6Y

### 2D View



| Approvals | Accreditations | Certifications |
|-----------|----------------|----------------|
|           |                |                |
|           |                |                |
|           |                |                |
|           |                |                |

| 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 <sup>2</sup>        | nos.           | mm                           | mm                      | mm                             | mm                     | mm   | kg/km          | Ω/km                              | Amps                      | mtrs             |
| D21405XX    | 0.35                   | 7              | 0.27                         | 0.9                     | 0.20                           | 1.2                    | 1.4  | 5              | 54.4                              | 14                        | 500              |
| D21406XX    | 0.50                   | 19             | 0.19                         | 1.1                     | 0.22                           | 1.4                    | 1.6  | 6              | 37.1                              | 19                        | 500              |
| D21408XX    | 0.75                   | 19             | 0.27                         | 1.3                     | 0.24                           | 1.7                    | 1.9  | 10             | 24.7                              | 24                        | 500              |
| D21410XX    | 1.00                   | 19             | 0.33                         | 1.5                     | 0.24                           | 1.9                    | 2.1  | 13             | 18.5                              | 29                        | 500              |
| D21413XX    | 1.50                   | 19             | 0.33                         | 1.8                     | 0.24                           | 2.2                    | 2.4  | 18             | 12.7                              | 38                        | 500              |
| D21414XX    | 2.00                   | 19             | 0.38                         | 2.0                     | 0.28                           | 2.5                    | 2.8  | 21             | 9.42                              | 46                        | 500              |
| D21416XX    | 2.50                   | 37             | 0.30                         | 2.2                     | 0.28                           | 2.7                    | 3.0  | 29             | 7.60                              | 53                        | 500              |
| D21417XX    | 3.00                   | 37             | 0.34                         | 2.4                     | 0.32                           | 3.1                    | 3.4  | 34             | 6.15                              | 61                        | 500              |
| D21419XX    | 4.00                   | 37             | 0.38                         | 2.8                     | 0.32                           | 3.4                    | 3.7  | 44             | 4.71                              | 72                        | 500              |
| D21423XX    | 6.00                   | 37             | 0.45                         | 3.4                     | 0.32                           | 4.0                    | 4.3  | 64             | 3.14                              | 88                        | 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 200°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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