

### 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 : Polypropylene (PP),  
(Halogen Free).
- ✓ Color : As per customer order.

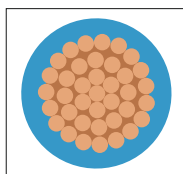
### Technical Data

- ✓ Temperature Range :  
-40°C to 125°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : CDC 36-05-009 / --R.

Automotive  
Cables

A3Z Battery

### 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             |
| D28525XX    | 8.00                   | 98             | 0.33                         | 4.3                     | 0.32                           | 4.60                   | 5.00  | 85             | 2.38                              | 88                        | 500              |
| D28527XX    | 10.00                  | 63             | 0.46                         | 4.5                     | 0.48                           | 5.30                   | 6.00  | 108            | 1.82                              | 109                       | 500              |
| D285A11XX   | 12.00                  | 154            | 0.33                         | 5.4                     | 0.48                           | 5.80                   | 6.50  | 134            | 1.52                              | 120                       | 500              |
| D28528XX    | 16.00                  | 105            | 0.46                         | 6.3                     | 0.52                           | 6.40                   | 7.20  | 160            | 1.16                              | 147                       | 500              |
| D28556XX    | 20.00                  | 247            | 0.33                         | 6.9                     | 0.52                           | 7.00                   | 7.80  | 195            | 0.955                             | 170                       | 500              |
| D28530XX    | 25.00                  | 154            | 0.46                         | 7.8                     | 0.52                           | 7.90                   | 8.70  | 244            | 0.743                             | 193                       | 500              |
| D28557XX    | 30.00                  | 361            | 0.33                         | 8.3                     | 0.64                           | 8.70                   | 9.60  | 290            | 0.647                             | 212                       | 500              |
| D28532XX    | 35.00                  | 551            | 0.30                         | 9.0                     | 0.64                           | 9.40                   | 10.40 | 345            | 0.527                             | 235                       | 500              |
| D28558XX    | 40.00                  | 494            | 0.33                         | 9.6                     | 0.71                           | 10.00                  | 11.10 | 380            | 0.473                             | 256                       | 500              |
| D28534XX    | 50.00                  | 798            | 0.30                         | 10.5                    | 0.71                           | 11.00                  | 12.20 | 480            | 0.368                             | 291                       | 500              |
| D28535XX    | 60.00                  | 741            | 0.33                         | 11.6                    | 0.80                           | 12.00                  | 13.30 | 570            | 0.315                             | 327                       | 500              |
| D28537XX    | 70.00                  | 1140           | 0.30                         | 12.5                    | 0.80                           | 13.00                  | 14.40 | 690            | 0.259                             | 359                       | 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 125°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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