

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, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

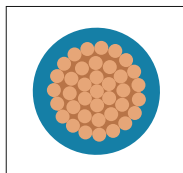
Product Construction

- ✓ Conductor : Bare copper conductor.
- ✓ Insulation : EBXL-XLPE (Thin wall insulation).
- ✓ Color : As per customer order.

 Automotive
Cables

AESX-F

2D View



Technical Data

- ✓ Temperature Range : -40°C to 135°C / 3000hrs.
- ✓ Voltage : 60V
- ✓ Standard : ES91110-05, JASO D611:2014.

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

| Part Number | Conductor Construction | | | | Insulation Wall Thickness Nom. | 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. | | Nom. | Max. | | | | |
| | mm ² | nos. | mm | mm | mm | mm | mm | kg/km | Ω/km | Amps | mtrs |
| D29002XX | 0.22 | 7 | 0.20 | 0.6 | 0.3 | 1.2 | 1.3 | 3 | 84.8 | 9 | 500 |
| D29004XX | 0.30 | 19 | 0.16 | 0.8 | 0.3 | 1.4 | 1.5 | 5 | 48.8 | 13 | 500 |
| D29006XX | 0.50 | 19 | 0.19 | 1.0 | 0.3 | 1.6 | 1.7 | 7 | 34.6 | 16 | 500 |
| D29008XX | 0.75 | 19 | 0.23 | 1.2 | 0.3 | 1.8 | 1.9 | 9 | 23.6 | 21 | 500 |
| D29054XX | 0.85 | 37 | 0.172 | 1.2 | 0.3 | 1.8 | 1.9 | 10 | 21.7 | 22 | 500 |
| D29012XX | 1.25 | 37 | 0.21 | 1.5 | 0.3 | 2.1 | 2.2 | 14 | 14.6 | 28 | 500 |
| D29014XX | 2.00 | 37 | 0.26 | 1.8 | 0.3 | 2.6 | 2.7 | 23 | 9.5 | 38 | 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 115°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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