



### Application

- ✓ These cables designed for automotive application required extra protection against physical threats
- ✓ They are often used as surface in a variety of vehicles, including cars, trucks, RVs, and buses.

### Product Construction

- ✓ Conductor : Soft annealed electrolytic copper
- ✓ Insulation : PVC, Polyvinylchloride.
- ✓ Colour : As per customer order.
- ✓ Single core

### Technical Data

- ✓ Temperature Range :  
- 40°C to +85°C (3000 Hours)
- ✓ Test Voltage : 1kV
- ✓ Specification : SAE J 1128 : 2015
- ✓ HD : Heavy Duty
- ✓ T : Thermoplastic Insulation

### Features

- ✓ Extra protection
- ✓ Flexible
- ✓ Thick wall

**Automotive  
Cables**

**HDT**

|             |              |               |            |              |                                     |
|-------------|--------------|---------------|------------|--------------|-------------------------------------|
| ISO<br>9001 | ISO<br>14001 | IATF<br>16949 | AS<br>9100 | ISO<br>45001 | IRIS <sup>TM</sup><br>Certification |
|             |              |               |            |              |                                     |

| Part Number | Conductor Construction |                |                              | Conductor diameter Nom. | Insulation Wall Thickness |      | Cable                 |                | Current carrying capacity | Max. Conductor Resistance at 20°C | Standard Length* |
|-------------|------------------------|----------------|------------------------------|-------------------------|---------------------------|------|-----------------------|----------------|---------------------------|-----------------------------------|------------------|
|             | Size                   | No. of Strands | Diameter of Single wire max. |                         | Min.                      | Nom. | Overall Diameter Max. | Weight Approx. |                           |                                   |                  |
|             |                        |                |                              |                         |                           |      |                       |                |                           |                                   |                  |
|             | mm <sup>2</sup>        | nos.           | mm                           | mm                      | mm                        | mm   | mm                    | kg/km          | Amps                      | mm                                | mtrs             |
| A88106XX*   | 0.5                    | 7              | 0.31                         | 0.93                    | 0.64                      | 0.91 | 3.1                   | 14             | 14                        | 35.7                              | 500              |
| A88160XX    | 0.8                    | 16             | 0.26                         | 1.21                    | 0.66                      | 0.94 | 3.4                   | 20             | 18                        | 22.7                              | 500              |
| A88110XX    | 1                      | 19             | 0.29                         | 1.45                    | 0.71                      | 1.02 | 3.7                   | 25             | 23                        | 15.4                              | 500              |
| A88111XX    | 2                      | 19             | 0.36                         | 1.80                    | 0.73                      | 1.04 | 4.2                   | 33             | 31                        | 9.3                               | 500              |
| A88117XX    | 3                      | 19             | 0.45                         | 2.25                    | 0.82                      | 1.17 | 5.1                   | 49             | 41                        | 5.9                               | 500              |
| A88121XX    | 5                      | 19             | 0.57                         | 2.85                    | 0.82                      | 1.17 | 5.7                   | 71             | 54                        | 3.7                               | 500              |
| A88125XX    | 8                      | 19             | 0.71                         | 3.55                    | 0.98                      | 1.40 | 7.0                   | 98             | 70                        | 2.4                               | 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 85°C and ambient air temperature of 40°C.



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