



Application

- ✓ Manufacturing specifications STD 7611,131.

Product Construction

- ✓ Conductor : Extra multi stranded bare copper conductor ,construction according to volvo 1059032
- ✓ Insulation : Class 4, Equivalent to ISO 6722 Temperature Class D
- ✓ Colour : As per customer order
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +150°C (3000 Hours)
- ✓ Standard : Volvo 1059032
- ✓ Rated Voltage :50 VDC

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with Electron Beam Cross Linked Polyolefin thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

Automotive Cables R4

| | | | | | |
|----------|-----------|------------|---------|-----------|----------------------------------|
| ISO 9001 | ISO 14001 | IATF 16949 | AS 9100 | ISO 45001 | IRIS TM Certification |
| | | | | | |

| Part Number | Conductor Construction | | | Insulation Wall Thickness Min. | Cable | | | Max. Conductor Resistance at 20°C | Current Carrying Capacity | Standard Length* |
|-------------|------------------------|----------------|------------------------------|--------------------------------|------------------|------|----------------|-----------------------------------|---------------------------|------------------|
| | Nominal Cross-Section | No. of Strands | Diameter of Single wire Nom. | | Overall Diameter | | Weight Approx. | | | |
| | | | | | Max. | Min. | | | | |
| | mm ² | nos. | mm | mm | mm | mm | kg/km | Ω/km | Amps | mtrs |
| 86605XX* | 0.35 | 7 | 0.26 | 0.20 | 1.4 | 0.20 | 4.5 | 54.4 | 5 | 500 |
| 86606XX | 0.5 | 19 | 0.19 | 0.22 | 1.6 | 0.22 | 6.0 | 37.1 | 8 | 500 |
| 86608XX | 0.75 | 19 | 0.23 | 0.24 | 1.9 | 0.24 | 9.4 | 24.7 | 10 | 500 |
| 86610XX | 1 | 32 | 0.20 | 0.24 | 2.1 | 0.24 | 12 | 18.5 | 12 | 500 |
| 86613XX | 1.5 | 37 | 0.22 | 0.24 | 2.4 | 2.40 | 16 | 12.7 | 16 | 500 |
| 86616XX | 2.5 | 37 | 0.28 | 0.28 | 3.0 | 3.00 | 25 | 7.6 | 22 | 500 |
| 86619XX | 4 | 56 | 0.31 | 0.32 | 3.7 | 3.70 | 47 | 4.71 | 30 | 500 |
| 86623XX | 6 | 84 | 0.31 | 0.32 | 4.30 | | 69 | 3.14 | 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 | |

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

- ✓ * Other length as per Customer order.



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