

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare or tinned. Conductor construction according to DIN 72551, Part 6, type B and ISO 6722.
- ✓ Insulation : Plasticized PVC with properties according to DIN 72551 and ISO 6722, Class B, Lead free.
- ✓ Colour : As per customer order.

Technical Data

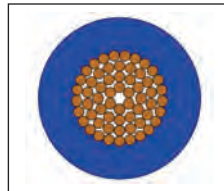
- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Standard : LV112-1
- ✓ Test Voltage : 3KV i.e <0.5mm² 5KV i.e >0.5mm²
- ✓ FL : Automotive cable, low voltage
- ✓ R : Reduced insulation wall thickness
- ✓ Y : PVC
- ✓ H : Highly flexible

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel
- ✓ Flexible conductors with PVC thin wall insulation for extra flexibility.

Automotive Cables **FLRY - H**

2D View



Approvals Accreditations Certifications



| Part Number | Conductor Construction | | | | Insulation Wall Thickness Nom. | Cable | | Current Carrying Capacity | Max. Conductor Resistance at 20°C | Standard Length* |
|-------------|------------------------|----------------|------------------------------|-------------------------|--------------------------------|-----------------------|----------------|---------------------------|-----------------------------------|------------------|
| | Nominal Cross-Section | No. of Strands | Diameter of Single wire max. | Conductor Diameter Nom. | | Overall Diameter Max. | Weight Approx. | | | |
| | mm ² | nos. | mm | mm | mm | mm | kg/km | Amps | Ω/km | mtrs |
| A87719XX* | 4 | 126 | 0.21 | 2.75 | 0.32 | 3.7 | 43 | 52 | 4.71 | 500 |
| A87723XX | 6 | 189 | 0.21 | 3.4 | 0.32 | 4.3 | 63 | 67 | 3.1 | 500 |
| A87727XX | 10 | 324 | 0.21 | 4.5 | 0.48 | 5.8 | 109 | 96 | 1.82 | 500 |
| A87728XX | 16 | 518 | 0.21 | 5.5 | 0.52 | 7.0 | 169 | 127 | 1.16 | 500 |
| A87730XX | 25 | 798 | 0.21 | 7.0 | 0.64 | 8.8 | 264 | 168 | 0.743 | 500 |
| A87732XX | 35 | 1107 | 0.21 | 8.3 | 0.80 | 10.5 | 364 | 207 | 0.527 | 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 105°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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