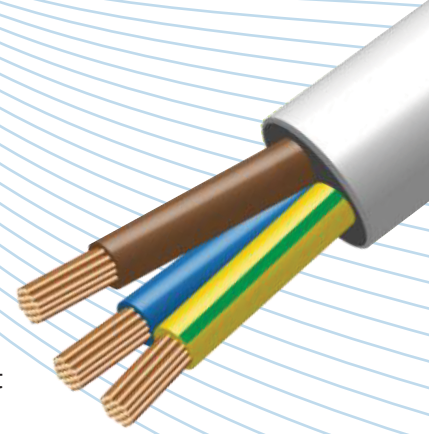


# CABTYRE CABLE

## Cable description

Cabtyre is a flexible electric cable that is designed for industrial, indoor and outdoor use. It is known for its durability, flexibility, and resistance to harsh conditions, making it suitable for applications where the cable is subjected to frequent movement or exposure to a rough environment.



## Technical Data

|  |   |
|--|---|
| <b>Specification:</b>                      | SABS SANS 1574, SABS SANS 60227   |
| <b>Temperature Range:</b><br>-10°C to 70°C | <b>Voltage Rating:</b> Light Duty (LD) 300 / 300V<br>Normal Duty (ND) 300 / 500V  |
| <b>Core Identification:</b>                | 2 Core – Blue and Brown<br>3 Core – Blue, Brown and Green/Yellow<br>4 Core – Blue, Brown, Black, and Green/Yellow<br>5 Core – Blue, Black, Brown, Green/Yellow and Violet<br>7 Core – Blue, Brown, Black, Green/Yellow, Violet, Pink and Orange |
| <b>Sheath Colours:</b>                     | White, Black, and Mono Colours  |

| Part Number                        | NO. Cores X Size (mm <sup>2</sup> ) | Nominal Stranding NO. X Diameter | Conductor Resistance @ 20°C Maximum | Current Rating (A) |    | Volt Drop (mV / A/m) |    | Approx. Overall Diameter (mm) |
|------------------------------------|-------------------------------------|----------------------------------|-------------------------------------|--------------------|----|----------------------|----|-------------------------------|
|                                    |                                     |                                  |                                     | 1Φ                 | 3Φ | 1Φ                   | 3Φ |                               |
| <b>LIGHT DUTY H03 (300V)</b>       |                                     |                                  |                                     |                    |    |                      |    |                               |
| CAB.5F02LD                         | 2 X 0,50                            | 15/0.205mm <sup>2</sup>          | 3,90                                | 3                  | 3  | 93                   | 80 | 3.90                          |
| CAB.5F03LD                         | 3G 0,50                             |                                  |                                     | 3                  | 3  | 93                   | 80 | 4.70                          |
| CAB.5F04LD                         | 4G 0,50                             |                                  |                                     | 3                  | 3  | 93                   | 80 | 5.50                          |
| CAB.5F05LD                         | 5G 0,50                             | 22/0.205mm <sup>2</sup>          | 2,60                                | 3                  | 3  | 93                   | 80 | 6.70                          |
| CAB.74F03LD                        | 3G 0,75                             |                                  |                                     | 6                  | 6  | 62                   | 54 | 5.50                          |
| <b>NORMAL DUTY H05 (300V/500V)</b> |                                     |                                  |                                     |                    |    |                      |    |                               |
| CAB.75F02ND                        | 2 X 0,50                            | 22/0.205mm <sup>2</sup>          | 2,60                                | 6                  | 6  | 62                   | 54 | 5.20                          |
| CAB.75F03ND                        | 3G 0,75                             |                                  |                                     | 6                  | 6  | 62                   | 54 | 6.70                          |
| CAB.75F04ND                        | 4G 0,75                             |                                  |                                     | 6                  | 6  | 62                   | 54 | 7.80                          |
| CAB.75F05ND                        | 5G 0,75                             |                                  |                                     | 6                  | 6  | 62                   | 54 | 9.90                          |
| CAB.75F05ND                        | 7G 0,75                             |                                  |                                     | 6                  | 6  | 46                   | 40 | 12.60                         |
| CAB1.0F02ND                        | 2 X 1,00                            | 28/0.205mm <sup>2</sup>          | 19,50                               | 10                 | 10 | 46                   | 40 | 6.30                          |
| CAB1.0F03ND                        | 3G 1,00                             |                                  |                                     | 10                 | 10 | 46                   | 40 | 7.60                          |
| CAB1.0F04ND                        | 4G 1,00                             |                                  |                                     | 10                 | 10 | 46                   | 40 | 9.80                          |
| CAB1.0F05ND                        | 5G 1,00                             |                                  |                                     | 10                 | 10 | 46                   | 40 | 11.60                         |
| CAB1.0F07ND                        | 7G 1,00                             |                                  |                                     | 10                 | 10 | 46                   | 40 | 14.80                         |
| CAB1.5F02ND                        | 2 X 1,50                            | 42/0.205mm <sup>2</sup>          | 13,30                               | 16                 | 16 | 32                   | 27 | 8.40                          |
| CAB1.5F03ND                        | 3G 1,50                             |                                  |                                     | 16                 | 16 | 32                   | 27 | 10.80                         |
| CAB1.5F04ND                        | 4G 1,50                             |                                  |                                     | 16                 | 16 | 32                   | 27 | 13.50                         |
| CAB1.5F05ND                        | 5G 1,50                             |                                  |                                     | 16                 | 16 | 32                   | 27 | 16.20                         |
| CAB1.5F07ND                        | 7G 1,50                             |                                  |                                     | 16                 | 16 | 32                   | 27 | 20.70                         |
| CAB2.5F02ND                        | 2 X 2,50                            | 68/0.205mm <sup>2</sup>          | 7,980                               | 25                 | 20 | 19                   | 16 | 13.50                         |
| CAB2.5F03ND                        | 3G 2,50                             |                                  |                                     | 25                 | 20 | 19                   | 16 | 16.80                         |
| CAB2.5F04ND                        | 4G 2,50                             |                                  |                                     | 25                 | 20 | 19                   | 16 | 21.80                         |
| CAB2.5F05ND                        | 5G 2,50                             |                                  |                                     | 25                 | 20 | 19                   | 16 | 24.20                         |
| CAB2.5F07ND                        | 7G 2,50                             |                                  |                                     | 25                 | 20 | 19                   | 16 | 31.30                         |
| CAB4.0F03ND                        | 3G 4,00                             | 110/0.205mm <sup>2</sup>         | 4,950                               | 32                 | 25 | 12                   | 10 | 25.00                         |
| CAB4.0F04ND                        | 4G 4,00                             |                                  |                                     | 32                 | 25 | 12                   | 10 | 32.00                         |
| CAB4.0F05ND                        | 5G 4,00                             |                                  |                                     | 32                 | 25 | 12                   | 10 | 33.90                         |

# CABTYRE CABLE

## Applications

- Power supply for handheld and portable equipment
- Temporary or mobile lighting and appliances
- Extension leads for workshops and industrial sites
- Construction sites, event setups, and entertainment industry applications

## Key Features

### Flexible Insulation:

Cabtyre cables are typically insulated with materials like PVC, which offer excellent flexibility, abrasion resistance, and ease of handling, even in dynamic or harsh conditions.

### Durability:

Engineered to resist wear from bending, twisting, and dragging across surfaces, making them ideal for equipment that frequently moves.

### Moisture and Weather Resistance:

These cables are often water-resistant or waterproof and can withstand exposure to various weather conditions, making them suitable for outdoor use.

### Heat and Chemical Resistance:

Designed to handle moderate heat and exposure to oils or chemicals commonly found in industrial environments, maintaining performance and longevity.