

#### PRODUCTS IN THE RANGE

- KY/EPDX

To NFC 93521 & NFC 32070/C1 French specifications

- Operating voltage: 250 and 750 Volts
- Operating temperature: - 40°C up to + 105°C (ambient temperature + rise)

#### Main characteristics:

- These wires are mainly designed for internal wiring in electronic equipment.
- They are fire retardant (to NFC 32 070/C1 French specification)

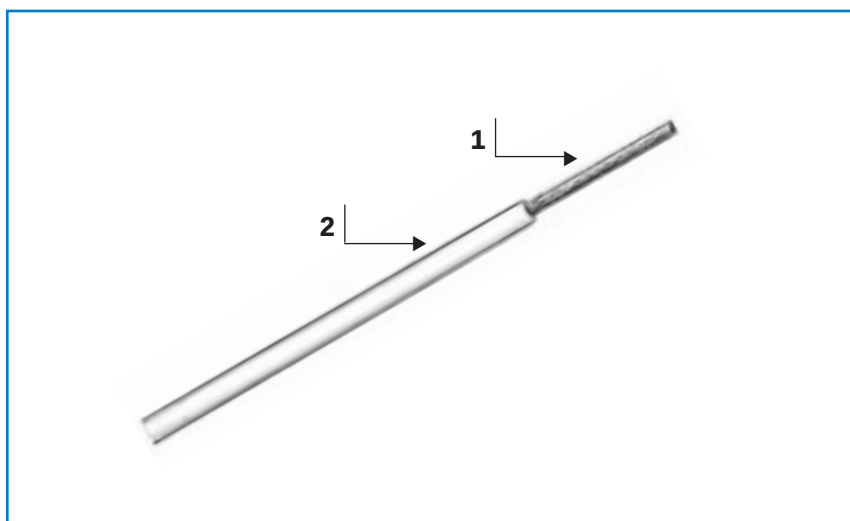
#### CONSTRUCTION

##### 1- CONDUCTOR:

Solid (KY31A) or stranded (KY30 & KY33A) annealed tinned copper wires

##### 2- INSULATION:

High temperature polyvinyl chloride (PVC)



## UNSCREENED HOOK-UP WIRES

| Reference<br>NFC 93 521 | Reference<br>FILOTEX | CONDUCTOR    |                                  |                          | Overall Diameter |       | Average<br>weight<br>Kg/Km |
|-------------------------|----------------------|--------------|----------------------------------|--------------------------|------------------|-------|----------------------------|
|                         |                      | Gauge<br>AWG | Cross section<br>mm <sup>2</sup> | Construction<br>n x Ø mm | mini.            | maxi. |                            |
|                         |                      |              |                                  |                          | mm               |       |                            |

### TYPE KY - Serie 250 Volts - Stranded conductor

|          |          |    |       |           |      |      |      |
|----------|----------|----|-------|-----------|------|------|------|
| KY 30-01 | EPDX 6x0 | 30 | 0.055 | 7 x 0.10  | 0.70 | 0.80 | 1.0  |
| KY 30-02 | EPDX 5x0 | 28 | 0.079 | 7 x 0.12  | 0.76 | 0.86 | 1.3  |
| KY 30-03 | EPDX 4x0 | 26 | 0.12  | 7 x 0.15  | 0.80 | 1.00 | 1.8  |
| KY 30-04 | EPDX 000 | 24 | 0.22  | 7 x 0.20  | 1.00 | 1.20 | 3.0  |
| KY 30-05 | EPDX 00  | 22 | 0.34  | 7 x 0.25  | 1.20 | 1.45 | 4.4  |
| KY 30-06 | EPDX 26  | 20 | 0.60  | 19 x 0.20 | 1.60 | 1.90 | 7.7  |
| KY 30-07 | EPDX 27  | 18 | 0.93  | 19 x 0.25 | 1.85 | 2.15 | 11.3 |
| KY 30-08 | EPDX 28  | 16 | 1.34  | 19 x 0.30 | 2.20 | 2.50 | 16.0 |
| -        | EPDX 29  | 14 | 1.91  | 27 x 0.30 | 2.55 | 2.85 | 22.0 |
| -        | EPDX 100 | 12 | 3.18  | 45 x 0.30 | 3.20 | 3.60 | 36.0 |
| -        | EPDX 140 | 10 | 5.16  | 73 x 0.30 | 3.90 | 4.30 | 56.6 |

### TYPE KY - Serie 750 Volts - Solid conductor

|            |        |    |      |          |      |      |      |
|------------|--------|----|------|----------|------|------|------|
| KY 31 A-01 | EPDX 1 | 22 | 0.28 | 1 x 0.60 | 1.60 | 1.80 | 5.3  |
| KY 31 A-02 | EPDX 2 | 20 | 0.50 | 1 x 0.80 | 2.00 | 2.30 | 8.6  |
| KY 31 A-03 | EPDX 3 | 18 | 1.10 | 1 x 1.18 | 2.35 | 2.65 | 14.8 |
| KY 31 A-04 | EPDX 4 | 14 | 2.00 | 1 x 1.60 | 2.80 | 3.10 | 24.3 |
| KY 31 A-05 | EPDX 5 | 12 | 3.14 | 1 x 2.00 | 3.20 | 3.60 | 35.8 |

### TYPE KY - Serie 750 Volts - Standed conductor

|            |         |    |       |            |      |       |       |
|------------|---------|----|-------|------------|------|-------|-------|
| KY 33 A-01 | EPDX 6  | 24 | 0.22  | 7 x 0.20   | 1.60 | 1.80  | 4.7   |
| KY 33 A-02 | EPDX 7  | 22 | 0.38  | 12 x 0.20  | 2.00 | 2.30  | 7.7   |
| KY 33 A-03 | EPDX 16 | 20 | 0.60  | 19 x 0.20  | 2.20 | 2.50  | 10.3  |
| KY 33 A-04 | EPDX 17 | 18 | 1.00  | 32 x 0.20  | 2.50 | 2.80  | 14.9  |
| KY 33 A-05 | EPDX 8  | 16 | 1.34  | 19 x 0.30  | 2.70 | 3.00  | 18.7  |
| KY 33 A-06 | EPDX 9  | 14 | 1.91  | 27 x 0.30  | 3.00 | 3.40  | 25.0  |
| KY 33 A-07 | EPDX 10 | 12 | 3.18  | 45 x 0.30  | 3.80 | 4.20  | 40.6  |
| KY 33 A-08 | EPDX 14 | 10 | 5.15  | 73 x 0.30  | 4.40 | 4.80  | 60.7  |
| —          | EPDX 18 | 9  | 7.40  | 105 x 0.30 | 5.00 | 5.40  | 83.7  |
| KY 33 A-09 | EPDX 15 | 8  | 10.20 | 144 x 0.30 | 5.80 | 6.20  | 114.0 |
| KY 33 A-10 | EPDX 19 | 4  | 24.70 | 126 x 0.50 | 9.60 | 10.20 | 290.0 |