



Construction

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|-------------------------|---|
| Conductor | Extra flexible conductor Strand construction: · Up to 3mm ² : Copper and steel wires, proportion 5/6 copper wires and 1/6 steel wires · Cross sectiona areas >3mm ² : Copper wires |
| Insulation | PVC Identification: Colours according CEI 502 (See attached table) |
| General assembly | Insulated conductors laid up together in concentric layers with short step to obtain major flexibility |
| Outer sheath | PVC Colour: Transparent |

Technical characteristics

| | |
|--|---------------------------|
| Operating voltage | 450/750 V |
| Operating T^a (conductor) | -10°C +70°C |
| Min. bending radius | Fixed installation: 3xD |
| | Dynamic installation: 8xD |

Application

Extra flexible control cable with excellent tensile strength, specially designed for dynamic applications in reels and wiring o machines

Standards / Properties

| | |
|--------------------------------------|--------------------|
| Ref. for construction/drawing | NFC 32090(7.2,7.3) |
| | NFC 32201 |
| | CEI 502 |
| | CEI 227 |
| Flame Retardant | NFC 32070 (2.1) |
| | CEI 332 |
| Oil resistant | NFC 32020 |



Constructive data

| Code | NxS (mm ²) | Ø exterior (mm) | Weight (kg/km) | I (A), 30°C | TL (N) |
|----------|------------------------|-----------------|----------------|-------------|--------|
| 2150540C | 2x1 | 5.7 | 46 | 5 | 40 |
| 2150830C | 3x1 | 6 | 59 | 5 | 6 |
| 2151320C | 4x1 | 6.8 | 75 | 5 | 8 |
| 2151610C | 5x1 | 7.4 | 93 | 5 | 10 |
| 2151800C | 6x1 | 8 | 110 | 5 | 12 |
| 2152130C | 8x1 | 9.7 | 157 | 5 | 16 |
| 2152360C | 10x1 | 10.6 | 181 | 5 | 20 |
| 2152600C | 12x1 | 12.2 | 232 | 5 | 24 |
| 2150560C | 2x2 | 6.7 | 73 | 10 | 8 |
| 2150850C | 3x2 | 7.1 | 93 | 10 | 12 |
| 2151340C | 4x2 | 8 | 120 | 10 | 16 |
| 2151720C | 5x2 | 8.7 | 149 | 10 | 20 |
| 2151820C | 6x2 | 9.8 | 181 | 10 | 24 |
| 2150870C | 3x3 | 9.4 | 159 | 15 | 18 |
| 2151360C | 4x3 | 10.4 | 199 | 15 | 24 |

Legend

| | |
|-----------------------------|--|
| Code | Cervi codification |
| NxS (mm²) | Number of conductors x Section (mm ²) |
| Weight (kg/km) | Approximate cable weight (kg/km) |
| I (A), 30°C | Max. current capacity (A), air (T ^a 30°C) |
| TL (N) | Maximum tensile load |

Colour code

| N° Conductors | Insulation colour |
|---------------|---|
| 2 | Blue, White |
| 3 | Brown, Blue, Yellow/Green |
| 4 | Brown, Blue, Black, Yellow/Green |
| 6 | Blue, Black, White, Brown, Red, Yellow/Green |
| 10 | 2 White, 2 Blue, Black, Brown, Green, Pink, Red, Yellow/Green |
| 12 | 2 Red, 2 Blue, 2 White, Yellow, Brown, Black, Green, Pink, Yellow/Green |
| 15 | 2 Red, 2 Blue, 2 White, 2 Brown, 2 Black, 2 Green, Pink, Yellow, Yellow/Green |