

**Construction****Inner conductor** ① - ⑩

|          |  |
|----------|--|
| Material | Annealed Copper                          |
| Diameter | $7 \times \varnothing 0.20 \pm 0.025$ mm |
| Area     | 0.22 mm <sup>2</sup>                     |

**Insulation**

|          |                       |
|----------|-----------------------|
| Material | PVC                   |
| Diameter | $\varnothing 1.00$ mm |

**Assembly**

|               |                 |
|---------------|-----------------|
| 10 Conductors |                 |
| Colors        | See color table |

**Mylar spiral** ⑪

|          |      |
|----------|------|
| Coverage | 90 % |
|----------|------|

**Drain wire** ⑫

|          |   |
|----------|---|
| Material | Annealed Copper                         |
| Diameter | $7 \times \varnothing 0.20 \pm 0.02$ mm |
| Area     | 0.22 mm <sup>2</sup>                    |

**Screen** ⑬

|          |                    |
|----------|--------------------|
| Material | Alu/Polyester Tape |
| Coverage | $\geq 115$ %       |

**Rip Cord** ⑭

|  |      |
|--|------|
|  | 200D |
|--|------|

**Sheath** ⑮

|          |                                |
|----------|--------------------------------|
| Material | PVC White - RAL 9016           |
| Diameter | $\varnothing 5.50 \pm 0.15$ mm |

**Mass**

|  |          |
|--|----------|
|  | 60 kg/km |
|--|----------|

**Marking of sheath**

|  |  |
|--|--|
| Printing<br>with<br>XXX : Quantity in meter still<br>available per reel<br>DDDDD : Date code | Alarme 10C - <b>CE</b> - elbaC 401010 -<br>DDDDD - XXX m |
|--|--|

|                 |                  |
|-----------------|------------------|
| Color / Process | Yellow / Ink jet |
|-----------------|------------------|

|      |     |
|------|-----|
| Step | 1 m |
|------|-----|

**Electrical characteristics**

|                             |                      |
|-----------------------------|----------------------|
| Max conductor DC resistance | < 104.5 $\Omega$ /km |
| Rated voltage               | 30 V                 |
| Insulation resistance 20°C  | > 200 M $\Omega$ .km |

**Color table**

| Condu. | Colors | RAL  |
|--------|--------|------|
| ①      | Black  | 9005 |
| ②      | Red    | 3001 |
| ③      | White  | 9003 |
| ④      | Green  | 6018 |
| ⑤      | Brown  | 8002 |
| ⑥      | Blue   | 5005 |
| ⑦      | Orange | 2010 |
| ⑧      | Yellow | 1018 |
| ⑨      | Purple | 4008 |
| ⑩      | Grey   | 7004 |

**Meet Standards**

|                 |                               |
|-----------------|-------------------------------|
| Environment :   | European directive 2011/65/EU |
| Marking :       | <b>CE</b>                     |
| Fire reaction : | EN 50575:2014/A1:2016         |

**Thermal characteristics**

|                         |                 |
|-------------------------|-----------------|
| CPR fire reaction class | E <sub>ca</sub> |
| Rated temperature       | 80°C            |

**Packaging**

|      |                      |
|------|----------------------|
| - B1 | : 100m / Carton Box  |
| - W5 | : 500m / Wooden Drum |

**Notes**