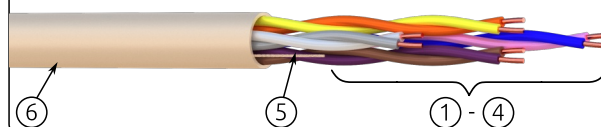
**elbaC Cable**

ZAC sous le Beer - RD 836  
F-27730 BUEIL (Eure - France)  
Tél : +33 (0)2 32 62 00 92  
Fax : +33 (0)2 76 01 31 80  
www.elbac.fr / info@elbac.fr

**Construction****Inner conductor** ① - ④

|          |                   |
|----------|-------------------|
| Material | Annealed copper   |
| Diameter | Ø 0.48 ± 0.008 mm |

**Insulation**

|          |           |
|----------|-----------|
| Material | PEHD      |
| Diameter | Ø 0.88 mm |

**Assembly**

|                       |                 |
|-----------------------|-----------------|
| 4 pairs               |                 |
| Colors                | See color table |
| Lay length            |                 |
| <b>Total Rip Cord</b> | 150 D ⑤         |

**Sheath** ⑥

|           |                  |
|-----------|------------------|
| Material  | LSZH Ivory       |
| Thickness | ≥ 0.50 mm        |
| Diameter  | Ø 4.90 ± 0.15 mm |

**Mass** 32 kg/km

**Marking of sheath**

|  |  |
|--|--|
| Printing<br>with<br>XXX : Quantity in meter still<br>available per reel<br>DDDDD : Date code | PTT 298 LSZH - elbaC 398004 -<br>DDDDD - XXX m |
|--|--|

Color / Process Yellow / Ink jet

Step 1 m

**Electrical characteristics**

|                                    |            |
|------------------------------------|------------|
| <b>Impedance</b>                   | 100 ± 15 Ω |
| <b>Mutual paires capacitance</b>   | 57.5 pF/km |
| <b>Max conductor DC resistance</b> | 98.7 Ω/km  |
| <b>Propagation velocity ratio</b>  | 65%        |
| <b>Rated voltage</b>               | 300V       |
| <b>Insulation resistance 20°C</b>  | > 500MΩ.km |

**Performances**

| Frequency<br>MHz | Max attenuation<br>dB/100m | NEXT<br>dB |
|------------------|----------------------------|------------|
| 0.060            | 0.80                       |            |
| 0.260            | 1.10                       |            |
| 5.510            | 1.50                       |            |
| 0.770            | 1.80                       |            |
| 1.000            | 2.10                       | 62.00      |
| 4.000            | 4.30                       | 53.00      |
| 10.000           | 6.60                       | 47.00      |
| 16.000           | 8.20                       | 44.00      |
| 20.000           | 9.20                       | 42.50      |
| 31.250           | 11.80                      | 39.50      |
| 62.500           | 17.10                      | 35.00      |
| 100.000          | 22.00                      | 32.00      |

**Color table**

| Pairs | Colors |        | Lay Length<br>(mm) |
|-------|--------|--------|--------------------|
|       | A      | B      |                    |
| ①     | Pink   | Blue   | 12                 |
| ②     | Orange | Yellow | 16                 |
| ③     | Violet | Brown  | 14                 |
| ④     | Grey   | White  | 18                 |

**Meet Standards**

|                    |                               |
|--------------------|-------------------------------|
| Fire performance : | IEC 60332-1                   |
| Environment :      | European directive 2011/65/EU |
| Marking :          | CE                            |
| Fire reaction :    | EN 50575:2014/A1:2016         |

**Thermal characteristics**

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

**Packaging**

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

**Notes**

RoHS European directive  
NFC 93 531 - 11  
EIA/TIA 568 A