**elbaC Cable**

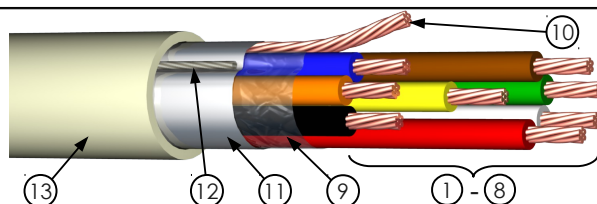
ZAC sous le Beer - RD 836

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**Construction****Inner conductor** ① - ⑧

|          |                       |
|----------|-----------------------|
| Material | Annealed Copper       |
| Diameter | 7 x Ø 0.20 ± 0.025 mm |
| Area     | 0.22 mm <sup>2</sup>  |

**Insulation**

|          |           |
|----------|-----------|
| Material | PVC       |
| Diameter | Ø 1.00 mm |

**Assembly**

8 conductors

|        |                 |
|--------|-----------------|
| Colors | See color table |
|--------|-----------------|

**Mylar spiral** ⑨

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

**Drain wire** ⑩

|          |                      |
|----------|----------------------|
| Material | Annealed copper      |
| Diameter | 7 x Ø 0.20 ± 0.02 mm |
| Area     | 0.22 mm <sup>2</sup> |

**Screen** ⑪

|          |                    |
|----------|--------------------|
| Material | Alu/Polyester Tape |
| Coverage | ≥ 115%             |

**Total Rip cord** ⑫**Sheath** ⑬

|          |                  |
|----------|------------------|
| Material | PVC White        |
| Diameter | Ø 4.70 ± 0.15 mm |

**Mass****Marking on sheath**

|                                                                                            |                                                                                                                                   |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Printing<br>with XXX quantity in<br>meter still available per<br>reel<br>DDDDD : Date code | Alarme 8C -  - elbaC 401008 -<br>DDDDD - XXX m |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

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

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

**Electrical characteristics**

|                                     |              |
|-------------------------------------|--------------|
| <b>Max. conductor DC resistance</b> | < 104.5 Ω/km |
|-------------------------------------|--------------|

|                      |      |
|----------------------|------|
| <b>Rated voltage</b> | 30 V |
|----------------------|------|

|                                   |             |
|-----------------------------------|-------------|
| <b>Insulation resistance 20°C</b> | > 200 MΩ.km |
|-----------------------------------|-------------|

**Thermal characteristics**

|                          |      |
|--------------------------|------|
| <b>Rated Temperature</b> | 80°C |
|--------------------------|------|

**Conductor Color table**

| Cond. | 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 |

**Meet Standards**

European directive 2011/65/EU

-B1 : 100m / Carton box  
 -R5 : 500m / Easy reel box

**Notes**