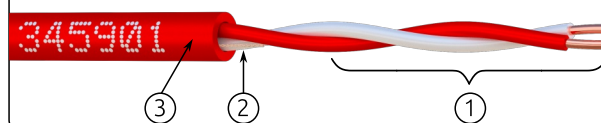
**elbaC Cable**

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

| | |
|----------|-----------------|
| Material | Annealed copper |
| Diameter | Ø 0.78 mm |
| Area | 0.48 mm² |

Insulation

| | |
|----------|-----------|
| Material | HDPE |
| Diameter | Ø 1.30 mm |

Assembly

1 pair

| | |
|------------|-----------------|
| Colors | See color table |
| Lay length | |

Rip Cord 200D ②**Sheath** ③

| | |
|----------|---|
| Material | LSZH Red RAL 3001 Flame retardant IEC 60332-1 (C2) |
| Diameter | Ø 4.30 mm |

Mass 29 kg/km**Marking of sheath**

| | |
|--|---|
| Printing with XXX : Quantity in meter still available per reel DDDDD : Date code | SYS 1P AWG20 LSZH - CE - elbaC 345901 - DDDDD - XXX m |
|--|---|

| | |
|-----------------|-----------------|
| Color / Process | White / Ink jet |
|-----------------|-----------------|

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

Electrical characteristics

| | |
|-----------------------------|------------|
| Impedance | 100 ± 20 Ω |
| Mutual paires capacitance | 70 nF/km |
| Max conductor DC resistance | 39 Ω/km |
| Propagation velocity ratio | 65% |
| Rated voltage | 200V |
| Insulation resistance 20°C | > 500MΩ.km |

Performances

| Frequency MHz | Max attenuation dB/100m |
|------------------|----------------------------|
| 0.001 | 0.200 |
| 0.040 | 0.350 |
| 0.150 | 0.850 |
| 0.300 | 1.300 |
| 1.000 | 2.500 |
| 2.000 | 3.500 |

Color table

| Colors (RAL) | | Lay Length (mm) |
|--------------|------------|--------------------|
| A | B | |
| White (9003) | Red (3020) | 20 mm |

According to NF C93-529

Thermal characteristics

| | |
|-------------------------|-----------------|
| CPR fire reaction class | F _{ca} |
| Operation | -15 / 70°C |

Mechanical characteristics

| | |
|-------------------------------|-------------|
| Static (d = sheath diameter) | r = 6 × Øs |
| Dynamic (d = sheath diameter) | r = 12 × Øs |

Packaging

| | |
|------|----------------------|
| - B1 | : 100m / Carton box |
| - R5 | : 500m / Wooden drum |

Meet Standards

| | |
|--------------------|---------------------------------------|
| Fire reaction : | EN 50575:2014/A1:2016 F _{ca} |
| Fire performance : | IEC 60332-1 NF C 32-070 Classe C2 |
| Environment : | European directive 2011/65/EU |
| Marking : | CE |

Notes