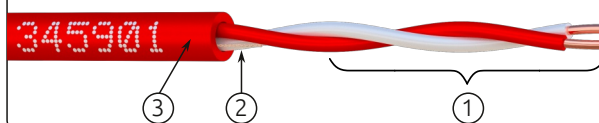
**elbaC Cable**

ZAC sous le Beer - RD 836  
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**Construction**

<b>Inner conductor</b> ①	
Material	Annealed copper
Diameter	Ø 0.78 mm
Area	0.48 mm <sup>2</sup>
<b>Insulation</b>	
Material	HDPE
Diameter	Ø 1.30 mm
<b>Assembly</b>	
1 pair	
Colors	See color table
Lay length	
<b>Rip Cord</b>	200D ②
<b>Sheath</b> ③	
Material	LSZH Red RAL 3020 Flame retardant IEC 60332-1 (C2)
Diameter	Ø 4.30 mm
<b>Mass</b>	29 kg/km
<b>Marking of sheath</b>	
Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	SYS 1P AWG20 LSZH - 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 <sub>ca</sub>
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 / Easy Reel Box
- W5	: 500m / Wooden Drum

**Meet Standards**

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

**Notes**