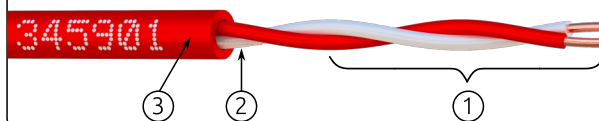
**elbaC Cable**

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 mm <sup>2</sup>

**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 3020 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 - elbaC 345901 - DDDDD - XXX m
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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 / 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**