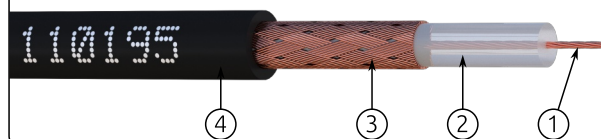
**elbaC Cable**

ZAC sous le Beer - RD 836  
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www.elbac.fr / info@elbac.fr

**Construction****Inner conductor** ①

Material	Annealed Copper
Diameter	7 × ( Ø 0.19 ± 0.005 mm )

**Dielectric** ②

Material	Solid PE
Color	Natural
Diameter	Ø 3.70 ± 0.12 mm

**Outer conductor****1<sup>st</sup> Layer** ③

Material	Copper Clad Alloy
Braiding	16 × ( 7 × Ø 0.12 mm )
Coverage	≥ 85%

**Sheath** ④

Material	PVC
Color	Black RAL 9005
Diameter	Ø 6.10 ± 0.15 mm
Mass	35 kg/km

**Marking of sheath**

Printing	KX 6A CCA 85% 75 OHMS - <b>CE</b> - with XXX : Quantity in meter still available per reel DDDDD : Date code
Color / Process	White / Ink jet
Step	1 m

**Stripping force / 50 mm**

Dielectric	15 N ≤ F ≤ 35 N
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**Meet Standards**

Marking :	<b>CE</b>
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

**Electrical characteristics**

Impedance	75 ± 3 Ω
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Capacitance	< 67 ± 3 pF/m
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**Max DC resistances (20°C)**

Inner conductor	93.8 Ω/km
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Outer conductor	22.6 Ω/km
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Propagation velocity	66.6%
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Max operation voltage	1900V
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Insulation resistance (20°C)	> 5000MΩ.km
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**Longitudinal attenuation**

Frequency MHz	Max attenuation dB/100m
10	3.7
200	17.0
400	25.0
800	35.5

**Thermal characteristics**

CPR fire reaction class	F <sub>ca</sub>
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Rated temperature	80°C
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**Packaging**

- C1 : 100m / Carton Reel
- W5 : 500m / Wooden Drum

**Notes**