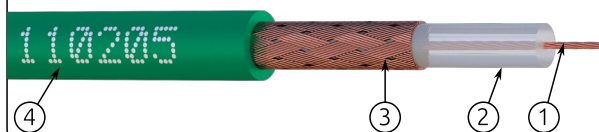
**elbaC Cable**

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	$7 \times (\varnothing 0.19 \pm 0.005 \text{ mm})$

Dielectric ②

Material	Solid PE
Color	Natural
Diameter	$\varnothing 3.70 \pm 0,12 \text{ mm}$

Outer conductor**1st Layer** ③

Material	Copper Clad Alloy
Braiding	$16 \times (7 \times \varnothing 0.12 \text{ mm})$
Coverage	$\geq 85\%$

Sheath ④

Material	PVC
Color	Green - RAL 6024
Diameter	$\varnothing 6.10 \pm 0.15 \text{ mm}$

Mass 35 kg/km**Marking of sheath**

Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	KX 6A CCA 85% 75 OHMS - CE - elbaC 110205 - DDDDD - XXX m
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Color / Process White / Ink jet

Step 1 m

Stripping force / 50 mmDielectric $15 \text{ N} \leq F \leq 35 \text{ N}$ **Meet Standards**

Marking : **CE**
Fire reaction : EN 50575:2014/A1:2016 Fca
IEC 60332-1 NF C 32-070 Classe C2
Environment : European directive 2011/65/EU

Electrical characteristicsImpedance $75 \pm 3 \Omega$ Capacitance $< 67 \pm 3 \text{ pF/m}$ **Max DC resistances (20°C)**Inner conductor 93.8 Ω/km Outer conductor 22.6 Ω/km

Propagation velocity 66.6%

Rated voltage 1900V

Insulation resistance (20°C) $> 5000 \text{ M}\Omega \cdot \text{km}$ **Longitudinal attenuation**

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

Thermal characteristicsCPR fire reaction class F_{ca}

Rated temperature 80°C

Packaging

- C1 : 100m / Carton Reel
- R3 : 300m / Easy Reel Box
- W5 : 500m / Wooden Drum

Notes