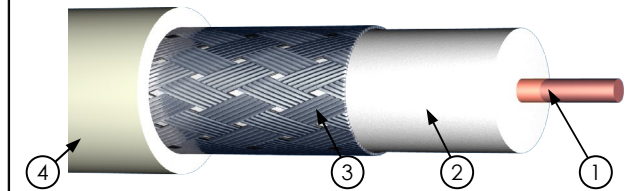
**elbaC Cable**

ZAC sous le Beer – RD836  
 F-27730 BUEIL  
 Tel : +33 (0)2 32 60 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 0.40 ± 0.008 mm

**Dielectric** ②

Material	Gas injection PE
Color	Natural
Diameter	Ø 1.75 ± 0.10 mm

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

Material	Tinned Copper
Braiding	16 x (4 x Ø 0.12 mm)
Coverage	≥ 85%

**Sheath** ④

Material	PVC White
Diameter	Ø 2.9 ± 0.10 mm

<b>Mass</b>	15.8 kg/km
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**Marking on sheath**

Printing <small>with XXX quantity in meter still available per reel WW/YY : Week/Year</small>	« μC 75 - 75 OHMS – elbaC 150050 – WW/YY – XXX m »
Color / Process	Yellow / Ink jet
Step	1 m

**Stripping force / 50 mm**

Dielectric	8 N ≤ F ≤ 25 N
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**Meet Standards**

RoHS European directive

**Electrical characteristics**

Impedance	75 ± 3 Ω
Capacitance	57 ± 3 pF/m

**Max DC resistance**

Inner conductor	<135 Ω/km
Outer conductor	<28 Ω/km

<b>Propagation velocity ratio</b>	78%
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<b>Max operating voltage RMS</b>	1000 V
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<b>Insulation resistance 20°C</b>	>1000 MΩ/km
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**Longitudinal attenuation**

Frequency MHz	Max attenuation dB/100m
1	1.8
10	6.0
50	13.0
100	18.2
200	26.2
400	38.0
800	56.0
1000	64.0

**Thermal characteristics**

<b>Rated Temperature</b>	-10 to 80°C
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**Packaging**

WA = 1000 m / wooden drum

**Notes**