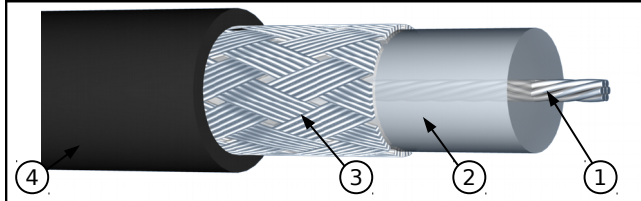
**elbaC Cable**

ZAC sous le Beer - RD 836
F-27730 BUEIL
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Fax : +33 (0)2 76 01 31 80
www.elbac.fr / info@elbac.fr

**Construction****Inner conductor** ①

Material	Tinned Copper
Diameter	19 x \varnothing 0.19 \pm 0.005 mm

Dielectric ②

Material	Solid PE
Color	Natural
Diameter	\varnothing 2.95 mm

Outer conductor**1st Layer** ③

Material	Tinned Copper
Braiding	16 x (7 x \varnothing 0.12 \pm 0.003 mm)
Coverage	92.8%

Sheath ④

Material	PVC
Color	Black RAL 9005
Diameter	\varnothing 4.95 \pm 0.15 mm

Mass 39 kg/km

Marking on sheath

Printing <small>with XXX quantity in meter still available per reel DDDDD : Date code</small>	« KX15 / RG 58CU - MIL C17 - 50 OHMS - C - elbaC 110120 - DDDDD - XXX m »
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Color / Process White / Ink jet

Step 1 m

Stripping force / 50 mm

Dielectric	15 N \leq F \leq 35 N
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Meet Standards

MIL C17
European directive 2011/65/EU

Electrical characteristics

Impedance	50 \pm 2 Ω
Capacitance	< 101 pF/m

Max DC resistance

Inner conductor	35.4 Ω /Km
Outer conductor	15 Ω /Km

Propagation velocity ratio 66%

Max operating voltage RMS 1900 V

Insulation resistance 20°C >1000 M Ω .km

Longitudinal attenuation

Frequency MHz	Max attenuation dB/100m
1	1.3
10	4.6
50	10.8
100	16.1
200	24.0
400	37.7
700	55.8
900	65.6
1000	70.5

Thermal characteristics

Rated Temperature	80°C
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Packaging

500 m / wooden drum

Notes