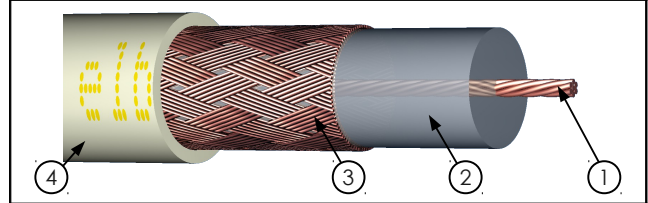
**elbaC Cable**

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**Construction****Inner conductor**

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

Dielectric

Material	Solid PE
Color	Natural
Diameter	Ø 3.70 ± 0.12 mm

Outer conductor

1 st Layer	
Material	Copper Clad Alloy
Braiding	16 x (7 x Ø 0.12 mm)
Coverage	≥ 85%

Sheath

Material	PVC White RAL 9003
Diameter	Ø 6.10 ± 0.15 mm

Mass	35 kg/km
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Marking on sheath

Printing <small>with XXX quantity in meter still available per reel DDDDD : Date code</small>	« KX 6A CCA 85% 75 OHMS - CE - elbaC 110196 - DDDDD - XXX m »
Color / Process	Yellow RAL 1018 / Ink jet
Step	1 m

Stripping force / 50 mm

Dielectric	15 N ≤ F ≤ 35 N
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Meet Standards

European directive 2011/65/EU

Electrical characteristics

Impedance	75 ± 3 Ω
Capacitance	< 67 ± 3 pF/m

Max DC resistance

Inner conductor	93.8 Ω/km
Outer conductor	22.6 Ω/km

Propagation velocity ratio	66.6%
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Max operating voltage RMS	1900 V
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Insulation resistance 20°C	>5000 MΩ/km
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Longitudinal attenuation

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

Thermal characteristics

Rated Temperature	80°C
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Packaging

-C1	: 100m / carton reel
-R3	: 300m / easy reel box
-W5	: 500m / wooden drum

Notes