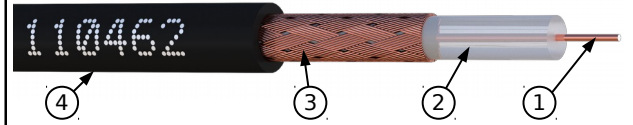
**elbaC Cable**

ZAC Sous le Beer - RD 836
F-27730 BUEIL
Tel : +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	Copper Clad Steel
Conductivity	30%
Diameter	$\varnothing 0.58 \pm 0.008$ mm

Dielectric ②

Material	Solid PE
Color	Natural
Diameter	$\varnothing 3.71 \pm 0.10$ mm

Outer conductor**1st Layer** ③


Material	Copper Clad Alloy
Braiding	16 x (7 x $\varnothing 0.12$ mm)
Coverage	86%

Sheath ④

Material	PVC
Color	Black RAL 9005
Diameter	$\varnothing 6.10 \pm 0.15$ mm

Mass 48 kg/km

Marking on sheath

Printing « RG 59 CCA - 75 OHMS -  elbaC 110462 - DDDDD - XXX m »
with XXX quantity in meter still available per reel
DDDDD : Date code

Color / Process White / Ink jet

Step 1 m

Meet Standards

European directive 2011/65/EU

Electrical characteristics

Impedance	$75 \pm 3 \Omega$
Capacitance	67 ± 3 pF/m

Max DC resistance

Inner conductor	<235 Ω /Km
Outer conductor	26 Ω /Km

Propagation velocity ratio 66.7%

Rated voltage 30 V

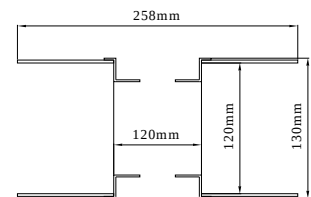
Insulation resistance 20°C >500 M Ω /km

Longitudinal attenuation

Frequency MHz	Max attenuation dB/100m
50	8.5
100	11.8
200	16.5
450	26.0
800	35.8
860	37.2
1000	39.5

Thermal characteristics

Rated Temperature 80°C

Packaging**Notes**