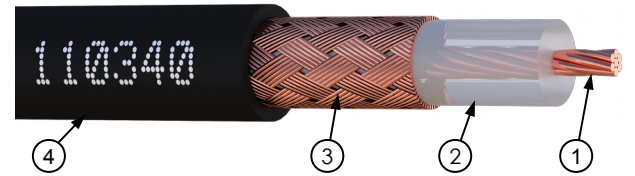
**elbaC Cable**

ZAC Sous le Beer - RD 836
 F-27730 BUEIL
 Tel : +33 (0)2 32 21 64 78
 Fax : +33 (0)2 76 01 31 80
 www.elbac.fr / info@elbac.fr

**Construction****Inner conductor** ①

Material	Annealed Copper
Diameter	7 x Ø 0.75 mm

Dielectric ②

Material	Solid PE
Color	Natural
Diameter	Ø 7.24 mm

Outer conductor**1st Layer** ③


Material	Annealed copper
Braiding	24 x (8 x Ø 0.15 mm)
Coverage	≥ 95%

Sheath ④

Material	PVC
Color	Black RAL 9005
Diameter	Ø 10.20 ± 0.18 mm

Mass 179 kg/km

Marking on sheath

Printing	« MIL C17 – RG213U -  - elbaC with XXX quantity in meter still available per reel DDDDD : Date code
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Color / Process	White / Ink jet
Step	1 m

Meet Standards

MIL C17
 European directive 2011/65/EU

Electrical characteristics

Impedance	50 ± 2 Ω
Capacitance	< 101 pF/m

Max DC resistance

Inner conductor	6.0 Ω/Km
Outer conductor	5.5 Ω/km

Propagation velocity ratio 66%

Max operating voltage RMS 5000 V

Insulation resistance 20°C >1000 MΩ/km

Longitudinal attenuation

Frequency MHz	Max attenuation dB/100m
1	0,6
10	1,8
50	4,3
100	6,2
200	8,9
400	13,5
700	21,3
900	24,9
1000	26,2
4000	70,5

Thermal characteristics

CPR fire reaction class	Fca
Rated Temperature	80°C

Packaging

-W1	: 100m / wooden drum
-W2	: 250m / wooden drum
-W5	: 500m / wooden drum

Notes

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