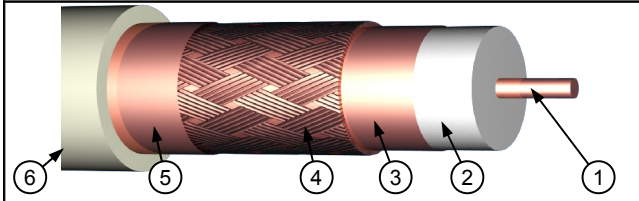
**elbaC Cable**

ZAC sous le Beer  
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**Construction****Inner conductor** ①

Material	Annealed copper
Diameter	Ø 1.25 ± 0.02 mm

**Dielectric** ②

Material	Gas injection PE
Color	Natural
Diameter	Ø 5.3 ± 0.20 mm

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

Material	Copper / PET tape Copper side outside
Coverage	≥ 125%

**2<sup>nd</sup> Layer** ④

Material	Copper Clad Aluminum
Braiding	24 x (6 x Ø 0.12 ± 0.008 mm)
Coverage	>80%

**3<sup>rd</sup> Layer** ⑤

Material	PET gold color / Alu / PET gold color
Coverage	≥ 125%

**Sheath** ⑥

Material	PVC Anti-UV White
Diameter	Ø 7.40 ± 0.20 mm

**Mass** 44 kg/km

**Marking on sheath**

Printing with XXX quantity in meter still available per reel	«15VRtC 1.25/5.3 Class A+ 3GHz - elbaC 100151 – WW/YY - XXX m»
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Color / Process Yellow / Ink jet

Step 1 m

**Electrical characteristics**

**Impedance** 75 ± 3 Ω

**Capacitance** < 60 pF/m

**Max DC resistance**

Inner conductor 14 Ω/km

Outer conductor 10.5 Ω/km

**Propagation velocity ratio** 84%

**Rated voltage** 30 V

**Insulation resistance 20°C** >500MΩ/km

**Longitudinal attenuation**

Frequency MHz	Attenuation dB/100m
10	2.00
50	3.70
200	7.30
470	11.50
800	14.90
1000	17.20
1750	23.30
2150	26.50
2400	27.90
3000	32.00

**Return loss**

Frequency MHz	Return loss dB
[ 5 - 30 ]	> 26
[ 30 - 470 ]	> 25
[ 470 -1000 ]	> 23
[ 1000 - 2150 ]	> 23

**Screening attenuation**

Class	A+
Attenuation 30-1000MHz	≥ 120 dB
Attenuation 1000-3000MHz	≥ 110 dB

**Meet Standards**

RoHS European directive

**Thermal characteristics**

**Rated Temperature** 80°C

**Packaging**

-E2 : 200 m / Easy reel box  
-W5 : 500 m / wooden drum

**Notes**