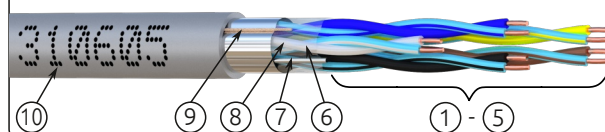
**elbaC Cable**

ZAC sous le Beer - RD 836
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**Construction****Inner conductor** ① - ⑤

Material	Annealed copper
Diameter	Ø 0.48 mm
Area	0.18 mm ²

Insulation

Material	HDPE
Diameter	Ø 0.85 mm

Assembly

5 pairs	See color table
Colors	
Lay length	

Mylar spiral ⑥

Coverage	≥ 125 %
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Drain wire ⑦

Material	Tinned copper
Diameter	Ø 0.45 ± 0.008 mm

Screen ⑧

Material	Alu/PET (40µ/12µ)
Coverage	≥ 125 %

Rip Cord ⑨

Material	200D
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Sheath ⑩

Material	PVC Grey Flame retardant IEC 332-1 (C2)
Diameter	Ø 5.80 mm
Mass	48 kg/km

Marking of sheath

Printing	SYT+ / LY6ST 5P AWG24 - elbaC with XXX : Quantity in meter still available per reel DDDDD : Date code
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Color / Process	Black / Ink jet
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Step	1 m
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Notes**Electrical characteristics**

Impedance	100 ± 20 Ω
Mutual paires capacitance	70 nF/km
Max conductor DC resistance	96 Ω/km
Propagation velocity ratio	65%
Rated voltage	200V
Insulation resistance 20°C	> 500MΩ.km

Performances

Frequency MHz	Max attenuation dB/100m
1.00	3.00

Frequency MHz	NEXT dB
2.00	40.00

Color table

Pairs	Colors		Lay Length (mm)
	A	B	
①	Light blue/White	White	20
②	Light blue/Dark blue	Dark blue	23
③	Light blue/Yellow	Yellow	26
④	Light blue/Brown	Brown	29
⑤	Light blue/Black	Black	32

Based on NF C93-529 + color line on light blue (A)

Meet Standards

Fire performance :	IEC 60332-1
Environment :	European directive 2011/65/EU
Marking :	CE
Fire reaction :	EN 50575:2014/A1:2016

Thermal characteristics

CPR fire reaction class	E _{ca}
Rated temperature	-15 / 70°C

Mechanical characteristics

Static (d = sheath diameter)	r = 6 × d
Dynamic (d = sheath diameter)	r = 12 × d

Packaging

- B1	: 100m / Carton Box
- R3	: 300m / Easy Reel Box
- W5	: 500m / Wooden Drum