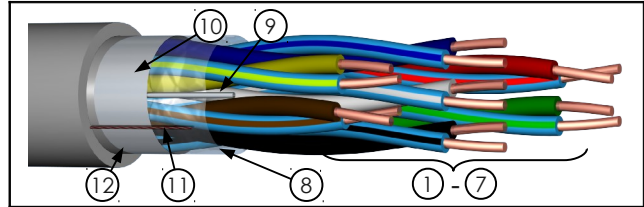
**elbaC Cable**

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 - ⑦

Material	Annealed copper
Diameter	Ø 0.48 ± 0.008 mm
Area	0.18 mm <sup>2</sup>

**Insulation**

Material	HDPE
Diameter	Ø 0.85 mm

**Assembly**

7 pairs	
Colors	See color table
Lay length	

**Mylar spiral** ⑧

Coverage	≥ 115 %
----------	---------

**Drain wire** ⑨

Material	Tinned copper
Diameter	Ø 0.45 ± 0.008 mm

**Screen** ⑩

Material	Aluminium / PET (40µ/12µ)
Coverage	≥ 115 %

**Rip cord** ⑪

200D	
------	--

**Sheath** ⑫

Material	PVC Grey Flame retardant IEC 332-1
Diameter	Ø 6.20 ± 0.20 mm

**Mass**

84 kg/km	
----------	--

**Marking on sheath**

Printing	« LY6ST/SYT+ 7P AWG 24 - <b>CE</b> with XXX quantity in meter still available per reel - elbaC 310607 - DDDDD - XXX m » DDDDD : Date code
Color / Process	Black / Ink jet
Step	1 m

**Meet Standards**

European directive 2011/65/EU

**Electrical characteristics**

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

**Performance**

Frequency MHz	Max attenuation dB/100m	Frequency MHz	NEXT dB
1.00	3.00	2.00	40.00

**Color table**

Pairs	Colors		
	A	B	
1	Light blue/White	White	White
2	Light blue/Dark blue	Dark blue	Dark blue
3	Light blue/Yellow	Yellow	Yellow
4	Light blue/Brown	Brown	Brown
5	Light blue/Black	Black	Black
6	Light blue/Red	Red	Red
7	Light blue/Green	Green	Green

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

**Thermal characteristics**

<b>Rated Temperature</b>	- 15 to 70 °C
--------------------------	---------------

**Mechanical characteristics**

<b>Static</b> (d = sheath diameter)	r = 6 x d
<b>Dynamic</b> (d = sheath diameter)	r = 12 x d

**Packaging**

-B1	: 100m / Carton box
-C1	: 100m / Carton reel
-F1	: 100m / Wrapped coil
-G1	: 100m / Shrinked PE bag
-W5	: 500m / Wooden drum
-WC	: 3000m / Wooden Drum 3 drums of 3000m / pallet pallet size 940×1140×1150mm pallet weight 789 kg

**Notes**