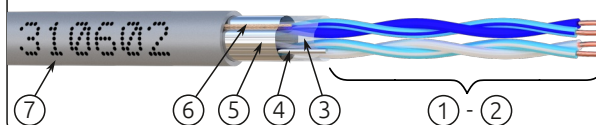
**elbaC Cable**

ZAC sous le Beer - RD 836
F-27730 BUEIL (Eure - France)
Tél : +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) - (2)
Material	Annealed copper	
Diameter	Ø 0.48 ± 0.008 mm	
Area	0.18 mm²	
Insulation		
Material	HDPE	
Diameter	Ø 0.85 mm	
Assembly		
2 pairs		
Colors	See color table	
Lay length		
Mylar spiral	(4)	
Coverage	90 %	
Drain wire (5)		
Material	Tinned copper	
Diameter	Ø 0.45 ± 0.008 mm	
Screen (6)		
Material	Alu/PET (40µ/12µ)	
Coverage	≥ 125 %	
Rip Cord	(7)	
	200D	
Sheath (8)		
Material	PVC Grey Flame retardant IEC 332-1 (C2)	
Diameter	Ø 4.80mm	
Mass	28 kg/km	
Marking of sheath		
Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	SYT+ / LY6ST 2P AWG24 - elbaC 310602 - DDDDD - XXX m	
Color / Process	Black / Ink jet	
Step	1 m	

Notes**Electrical characteristics**

Impedance	100 $\pm$ 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	> 500M Ω .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

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

Meet Standards

Environment :	European directive 2011/65/EU
Marking :	CE
Fire reaction :	EN 50575:2014/A1:2016
Fire performance :	IEC 60332-1 NF C 32-070 Classe C2

Thermal characteristics

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

Mechanical characteristics

Static (d = sheath diameter)	r = 6 $\times$ d
Dynamic (d = sheath diameter)	r = 12 $\times$ d

Packaging

- B1	: 100m / Carton Box
- W5	: 500m / Wooden Drum