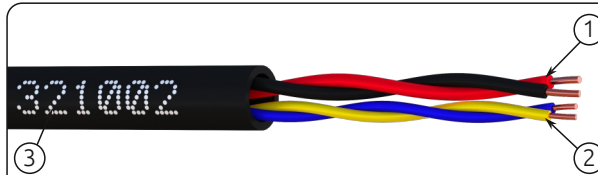
**elbaC Cable**

ZAC sous le Beer - RD 836
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Construction		
Inner conductor		
	①	②
Material	Annealed copper	
Diameter	Ø 0.64 ± 0.008 mm	Ø 0.51 ± 0.008 mm
Area	0.32 mm²	0.20 mm²
Insulation		
Material	HDPE	
Diameter	Ø 1.17 ± 0.1 mm	Ø 0.93 ± 0.1 mm
Assembly		
2 pairs		
Colors	See color table	
Lay length		
Sheath		
	③	
Material	XL-LZSH Black RAL 9005 Flame retardant IEC 332-1 (C2)	
Diameter	Ø 5.70mm	
Mass	TdD kg/km	
Marking of sheath		
Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	UTP 1P AWG24 100Ω + 1P AWG22 / XL-LZSH INTERIEUR/ EXTERIEUR - AJAX < READY > - elbaC 321002 - DDDDD - XXX m	
Color / Process	White / Ink jet	
Step	1 m	

Notes	
Cable for outdoor and indoor use	

Electrical characteristics		①	②
Impedance	100 ± 20 Ω		
Mutual paires capacitance	70 nF/km		
Max conductor DC resistance	57.8 Ω/km	91 Ω/km	
Propagation velocity ratio	66%		
Rated voltage	200V		
Insulation resistance 20°C	> 500MΩ.km		
Performances of pair ②			
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	Black		Red	23
②	Blue		Yellow	20

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 / 60°C

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

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