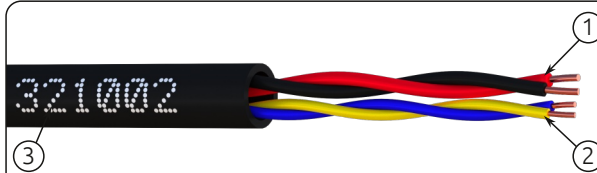
**elbaC Cable**

ZAC sous le Beer - RD 836
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Fax : +33 (0)2 76 01 31 80
www.elbac.fr / info@elbac.fr

**Construction**

Inner conductor	①	②
Material	Annealed copper	
Diameter	$\varnothing 0.64 \pm 0.008$ mm	$\varnothing 0.51 \pm 0.008$ mm
Area	0.32 mm ²	0.20 mm ²

Insulation

Material	HDPE	
Diameter	$\varnothing 1.17 \pm 0.1$ mm	$\varnothing 0.93 \pm 0.1$ mm

Assembly

2 pairs	See color table
Colors	
Lay length	

Sheath

Material	XL-LZSH Black RAL 9005 Flame retardant IEC 332-1 (C2)
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Diameter	$\varnothing 5.70$ mm
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Mass	TdD kg/km
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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
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Color / Process	White / Ink jet
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Step	1 m
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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

Notes

Cable for outdoor and indoor use

AJAX
< READY >