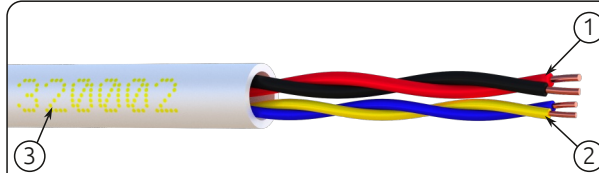
**elbaC Cable**

ZAC sous le Beer - RD 836
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**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	LZSH White RAL 9003 Flame retardant IEC 332-1 (C2)
Diameter	$\varnothing 5.70$ mm
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 / LZSH - AJAX < READY > - elbaC 320002 - DDDDD - XXX m
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Color / Process	Yellow / Ink jet
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Step	1 m
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Electrical characteristics

	①	②
Impedance	$100 \pm 20 \Omega$	
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)	$r = 6 \times d$
Dynamic (d = sheath diameter)	$r = 12 \times d$

Packaging

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

Notes

AJAX
< READY >