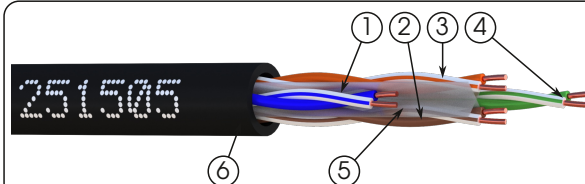
**elbaC Cable**

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	Annealed copper
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Material	Ø 0.51 ± 0.01 mm
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Diameter

Insulation	HDPE
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Material Diameter	Ø 0.93 ± 0.08
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Assembly

4 twisted pairs	
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	Blue / White blue	①
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	Brown / White brown	②
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	Orange / White orange	③
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	Green / White green	④
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Filler	Cross member	⑤
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Sheath		⑥
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Material	XL-LSZH Black
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Diameter	Ø 6.4 ± 0.2 mm
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Marking of sheath

Printing	UTP CAT6 INTERIEUR/EXTERIEUR
with XXX : Quantity in meter still available per reel DDDDD : Date code	XL-LSZH - elbaC 251505 - DDDDD - XXX m

Color / Process	White / Ink jet
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Step	1 m
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Electrical characteristics

Impedance	1 - 100MHz	100 ± 15 Ω
	100 - 250 MHz	100 ± 20 Ω

Max. conductor DC resistance	< 132.4 Ω/km
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Propagation velocity	70%
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Performances

Frequency MHz	Max attenuation dB/70m	NEXT dB	RL dB
4.0	3.8	66.3	23.0
10.0	6.0	60.3	25.0
20.0	8.5	55.8	25.0
62.5	15.5	48.4	21.5
100.0	19.9	45.3	20.1
250.0	33.0	39.3	17.3

Frequency MHz	ACR-F dB/70m	PS NEXT dB	PS ACR-F dB/70m
4.0	56.0	63.3	53.0
10.0	48.0	57.3	45.0
20.0	42.0	52.8	39.0
62.5	32.1	45.4	29.1
100.0	28.0	42.3	25.0
250.0	20.0	36.3	17.0

Meet Standards

European directive :	2011/65/EU
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Electrical :	EIA/TIA 568A ISO/IEC 11801
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Fire performance :	IEC 60332-1
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Smoke density :	IEC 61034
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Halogen free :	IEC 60754
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Thermal characteristics

CPR fire reaction class	E _{ca}
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Rated temperature	60°C
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Packaging

-W1 :	100m / Wooden drum
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-R3 :	250m / Easy Reel Box
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-W5 :	500m / Wooden drum
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Notes

Cable for outdoor and indoor use