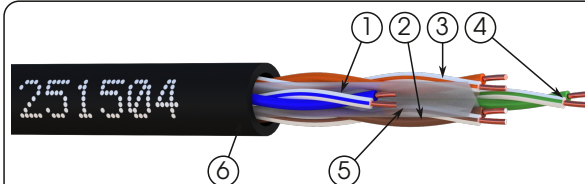
**elbaC Cable**

ZAC sous le Beer - RD 836
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**Construction****Inner**

Conductor material	Annealed copper $\varnothing 0.51 \pm 0.01$ mm
	Copper clad aluminum $\varnothing 0.51 \pm 0.01$ mm
Insulation	HDPE
	$\varnothing 0.93 \pm 0.08$

Assembly**4 twister pairs**

	Blue / White blue	①
	Brown / White brown	②
	Orange / White orange	③
	Green / White green	④
Filler	Cross member	⑤

Sheath

Material	XL-LSZH Black
Diameter	$\varnothing 6.4 +0.1/-0.2$ mm

Marking of sheath

Printing	UTP CAT6 2P+2P INTERIEUR/ with XXX : Quantity in meter still available per reel DDDDD : Date code
Color / Process	White / Ink jet
Step	1 m

Meet Standards

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

Electrical characteristics

Impedance	1 - 100MHz	$100 \pm 15 \Omega$
	100 - 250 MHz	$100 \pm 20 \Omega$
Max. conductor DC resistance		$< 132.4 \Omega/\text{km}$
		$< 221.0 \Omega/\text{km}$
Propagation velocity	70%	

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

Thermal characteristics

CPR fire reaction class	E_{ca}
Rated temperature	-15 to 60°C

Packaging

-C1 :	100m / Carton Reel
-R3 :	250m / Easy Reel Box
-W5 :	500m / Wooden drum

Notes

Cable for outdoor and indoor use