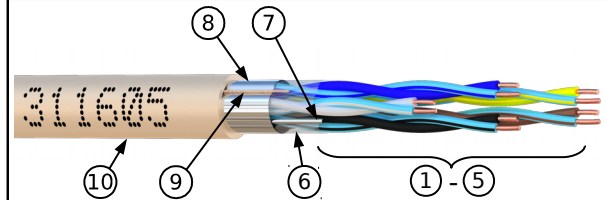
**elbaC Cable**

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**Construction****Inner conductor** ① - ⑤

Material	Annealed copper
Diameter	Ø 0.48 ± 0.008 mm
Area	0.18 mm ²

Insulation

Material	HDPE
Diameter	Ø 0.85 mm

Assembly

5 pairs	See color table
Colors	
Lay length	

Mylar spiral ⑥

Coverage	≥ 115 %
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Drain wire ⑦

Material	Tinned copper
Diameter	Ø 0.45 ± 0.008 mm

Screen ⑧

Material	Aluminium / PET (40µ/12µ)
Coverage	≥ 115 %

Rip cord ⑨**Sheath** ⑩

Material	PVC Ivory RAL 9001 Flame retardant IEC 332-1
Diameter	Ø 5.80 ± 0.20 mm

Mass

Mass	48 kg/km
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Marking on sheath

Printing with XXX quantity in meter still available per reel WW/YY : Week/Year	« LY6ST/SYT+ 5P AWG 24 - CE - elbaC 311605 - DDDDD - XXX m »
Color / Process	Black / Ink jet
Step	1 m

Meet Standards

European directive 2011/65/EU

Electrical characteristics

Impedance	100 ± 20 Ω
Mutual paires capacitance	70 nF/km
Max. conductor DC resistance	96 Ω/km
Propagation velocity ratio	65%
Rated voltage	200 V
Insulation resistance 20°C	> 500 MΩ.km

Performance

Frequency MHz	Max attenuation dB/100m	Frequency MHz	NEXT dB
1.00	3.00	2.00	40.00

Color table

Pairs	Colors		
	A	B	
1	Light blue/White	White	White
2	Light blue/Dark blue	Dark blue	Dark blue
3	Light blue/Yellow	Yellow	Yellow
4	Light blue/Brown	Brown	Brown
5	Light blue/Black	Black	Black

Based on NF C93-529 + color line on light blue (A)

Thermal characteristics

Rated Temperature	- 15 to 70 °C
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Mechanical characteristics

Static (d = sheath diameter)	r = 6 x d
Dynamic (d = sheath diameter)	r = 12 x d

Packaging

-B1	: 100m / Carton box
-C1	: 100m / Carton reel
-F1	: 100m / Wrapped coil
-G1	: 100m / Shrinked PE bag
-W5	: 500m / Wooden drum

Notes