**elbaC Cable**

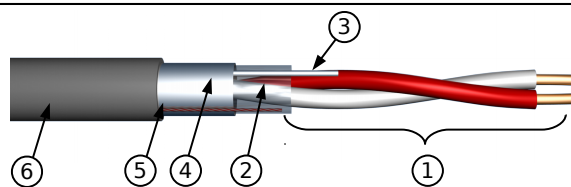
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**Construction****Inner conductor** ①

Material Annealed copper

Diameter Ø 0.48 mm

Area 0.18 mm²**Insulation**

Material HDPE

Diameter Ø 0.85 mm

Assembly

1 pair

Colors

See color table

Lay length

Mylar spiral ②

Coverage 90%

Drain wire ③

Material Tinned copper

Diameter Ø 0.45 ± 0.008 mm

Screen ④

Material Aluminium / PET (40µ/12µ)

Coverage ≥ 125 %

Rip Cord ⑤

200D

Sheath ⑥Material PVC Grey
Flame retardant IEC 332-1

Diameter Ø 4.00 mm

Mass 21 kg/km

Marking on sheathPrinting « LY6ST/SYT+ 1P AWG24 -  »
with XXX quantity in
meter still available per
reel
DDDDD : Date code

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	White 	Red 

According to NF C93-529

Thermal characteristics**Rated Temperature** - 15 to 70 °C**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