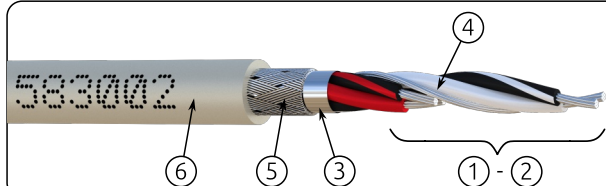
**elbaC Cable**

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** ①-②

Material	Tinned copper
Diameter	$\varnothing 0.60 = 7 \times \varnothing 0.20 \pm 0.005$ mm
Area	0.22 mm <sup>2</sup>

**Insulation** ①-②

Material	PP
Diameter	$\varnothing 1.25$ mm

**Assembly**

2 pairs	
Colors / Lay length	See color tables

**Screen on each pairs** ③

Material	Aluminium / PET (40 $\mu$ /12 $\mu$ )
Coverage	$\geq 125\%$

**Drain wire** ④

Material	Tinned copper
Diameter	$\varnothing 0.60 = 7 \times \varnothing 0.20 \pm 0.008$ mm

**Braiding** ⑤

Material	Tinned copper clad aluminium
Braiding	16 $\times$ (5 $\times$ $\varnothing 0.12$ mm)

**Sheath** ⑥

Material	PVC Grey - Flame retardant IEC 332-1
Diameter	$\varnothing 5.70 \pm 0.20$ mm

**Weight**

Linear mass	38 kg/km
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**Marking of sheath**

Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	2P 0.22 SCR/TCCAB - BUS - elbaC 583002 - DDDDD - XXX m
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Color / Process	Black / Ink jet
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Step	1 m
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**Electrical characteristics**

Conductor DC resistance at 20°C	85 $\Omega$ /km
Impedance	90 $\Omega$
Nominal Velocity Ratio	66%
Mutual pair capacitance at 1kHz	100 pF/m
Capacitance pair to shield at 1kHz	200 pF/m
Voltage rating	30 V

**Color table**

Pairs	Colors		Lay Length (mm)
	A	B	
①	White 	 Black/White	38
②	Red 	 Black/Red	38


**Thermal characteristics**

CPR fire reaction class	F <sub>ca</sub>
Rated Temperature	-15 / 80°C

**Mechanical characteristics**

Static bending radius	r = 10 $\times$ $\varnothing$ sheath
Dynamic bending radius	r = 15 $\times$ $\varnothing$ sheath

**Meet Standards**

Fire reaction :	EN 50575:2014/A1:2016
Environment :	European directive 2011/65/EU
Marking :	

**Packaging**

- W5 :	500m / Wooden Drum
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**Notes**