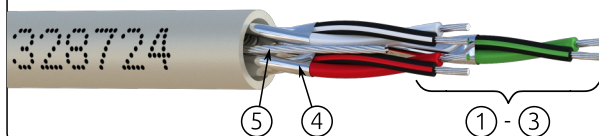
**elbaC Cable**

ZAC sous le Beer - RD 836
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**Construction****Inner conductor** ①-③

Material	Tinned copper
Diameter	$\varnothing 0.75 = 7 \times \varnothing 0.25 \pm 0.005$ mm
Area	0.34mm ²

Insulation

Material	PE
Diameter	$\varnothing 1.27$ mm

Assembly

3 pairs	
Colors	See color tables
Lay length	

Screen on each pairs ④

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

Drain wire on assembly ⑤

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

Sheath ⑥

Material	PVC Grey 7044 Flame retardant IEC 332-1
Diameter	$\varnothing 6.90 \pm 0.20$ mm

Weight

Linear mass	56 kg/km
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Marking of sheath

Printing with XXX: Quantity in meter still available per reel DDDDD: Date code	0.34 SCR 3P - BUS - elbaC 328724 - DDDDD - XXX m
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Color / Process	Black / Ink jet
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Step	1 m
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Notes

European directive 2011/65/EU

Electrical characteristics

Max. conductor DC resistance	54.2 Ω /km
Impedance	50 Ω
Nominal Velocity Ratio	66%
Mutual pair capacitance at 1kHz	100 pF/m $\pm 10\%$
Capacitance pair to shield at 1kHz	200 pF/m $\pm 10\%$
Insulation resistance 20°C	> 500 M Ω .km
Insulation resistance (500V)	> 5000 M Ω .km
Voltage rating	300 V DC

Color table

Pairs	Colors		Lay length
	A	B	
①	White	Black/White	38mm
②	Red	Black/Red	38mm
③	Green	Black/Green	38mm

Thermal characteristics

CPR fire reaction class	E _{ca}
Rated Temperature	- 15 to 80°C

Mechanical characteristics

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

Meet Standards

Fire performance :	IEC 60332-1 NF C 32-070 Classe C2 EN 50575:2014/A1:2016 E _{ca}
Environment :	European directive 2011/65/EU
Marking :	

Packaging

- R2 : 250m / Easy Reel Box