**elbaC Cable**

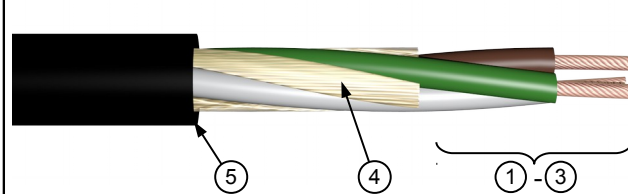
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**Construction****Inner conductor** ① - ③

Material	Annealed Copper
Diameter	28 × Ø0.10 ± 0.003 mm
Area	0.22 mm ²

Insulation

Material	PP
Diameter	Ø 1.00 ± 0.15 mm

Messenger and filler ④

Material	Kevlar
Quantity	3 strands of 1500D
Position	into free space around the 3 conductors

Assembly

3 conductors + 3 Kevlar strands spiral

Colors	See color table
Lay length	60 mm

Sheath ⑤

Material	Matt PVC 90P
Color	Black
Diameter	Ø 3.2 ± 0.1 mm

Mass 14 Kg/Km**Marking on sheath**

Printing	«ESCRIME ENROULEUR - CE - elbaC 741002 – DDDDD »
DDDDD : Date code	
Color / Process	White / Ink jet
Step	1 m

Electrical characteristics

Max. conductor DC resistance	< 79.5 Ω/km
Rated voltage	50 V
Test voltage	1000 V
Insulation resistance 20°C	> 200 MΩ.km

Color table

Conductor		
N°	Colors	RAL
①	Green	6018
②	Brown	8002
③	White	9003

Thermal characteristics

Rated Temperature	80°C
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Mechanical characteristics

Dynamic bending radius	60mm
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Meet StandardsEuropean directive 2011/65/EU
IEC 60332-1**Packaging**

-W5 : wooden drum of 500m

Notes