**elbaC Cable**

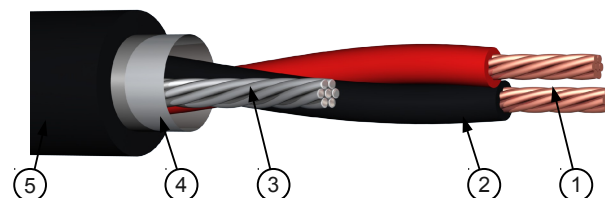
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**Construction****Inner conductor**

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

**Insulation**

Material	HDPE
Diameter	$\varnothing 1.10$ mm

**Assembly**

1 pair

Colors	See color table
Lay length	

**Drain wire**

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

**Screen**

Material	Alu/Polyester Tape (Alu inside)
Coverage	$\geq 115\%$

**Sheath**

Material	Soft Matt Audio PVC
Color	Black
Diameter	$\varnothing 3.30 \pm 0.15$ mm

**Mass** 17 kg/km**Marking on sheath**

Printing	« 1FTP AWG24 OFC AUDIO - $\text{CE}$ - elbaC 820224 - DDDDD - XXX m »
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with XXX quantity in meter still available per reel  
DDDDD : Date code

Color / Process White / Pigment Ink jet

Step 1 m

**Electrical characteristics**

Max. conductor DC resistance	< 87 $\Omega$ /km
Mutual pair capacitance	< 90 pF/m
Pair unbalance to shield	< 3 pF/m
Velocity ratio	66 %
Rated voltage	50 VAC / 75 VDC
Insulation resistance 20°C	> 2000 M $\Omega$ .km

**Color table**

Pair	Colors		Lay Length (mm)
	A	B	
1	Red RAL3020	Black	25

**Thermal characteristics**

Rated Temperature	-30°C up to 70°C
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**Mechanical characteristics**

Static (d = sheath diameter)	$r = 6 \times d$
Dynamic (d = sheath diameter)	$r = 12 \times d$

**Meet Standards**

European directive 2011/65/EU

**Packaging**

-G1	: 100m / Coil into Shrinked PE bag
-W5	: 500m / Wooden drum
-WA	: 1000m / Wooden drum

**Notes**