

# Speaker cable YFAZ



<b>conductor material:</b>	Oxygen Free Copper (OFC)
<b>conductor construction:</b>	fine stranded class 6
<b>insulation:</b>	PVC
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>max. operating temperature, fixed:</b>	-30 - +70 °C
<b>temperature, moved/during installation:</b>	-10 - +70 °C
<b>insulation resistance:</b>	20 MOhm $\times$ km
<b>nominal voltage U<sub>0</sub>:</b>	50 V
<b>nominal voltage U:</b>	75 V
<b>test voltage:</b>	1 kV

**Application:** This is a high-quality speaker cable for home application as well as for use in cinemas, theaters and other public buildings. The special construction of copper conductor guarantees long-life flexibility of the cable.

**Additional information:** The cross-sections are designated by means of a coloured stripe on the wire:

0.75 sqmm:black respectively red

1.5 sqmm:red

2.5 sqmm:green

4 sqmm:blue

6 sqmm:violet

10 sqmm:yellow



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics YFAZ

p/n	part name	R <sub>l</sub> [Ω/km]	L <sub>b</sub> [mH/km]	R <sub>bv</sub> [mm]	b [mm]	h [mm]	E <sub>v</sub> [kWh/m]	Cu [kg/km]	G [kg/km]
031861	YFAZ 02X0,75/0,20 mm stripe: red sheath: black	26	0,57	12	4,9	2,35	0,0423	14	23
032903	YFAZ 02X0,75/0,20 mm stripe: black sheath: transparent	26	0,57	12	4,9	2,35	0,0423	14,4	23
031807	YFAZ 02X1,5/0,15 mm stripe: red sheath: transparent	13,3	0,55	13	5,8	2,5	0,0621	30	42
031763	YFAZ 02X2,5/0,15 mm stripe: green sheath: transparent	7,98	0,53	18	7,4	3,6	0,096	50	60

p/n	part name	R <sub>l</sub> [Ω/km]	L <sub>b</sub> [mH/km]	R <sub>bv</sub> [mm]	b [mm]	h [mm]	E <sub>v</sub> [kWh/m]	Cu [kg/km]	G [kg/km]
031757	YFAZ 02X4,0/0,15 mm stripe: blue sheath: transparent	4,95	0,51	25	9,7	4,5	0,164	80	120
031764	YFAZ 02X6,0/0,15 mm stripe: violet sheath: transparent	3,3	0,5	30	12,5	6,1	0,216	120	141
031765	YFAZ 02X10/0,15 mm stripe: yellow sheath: transparent	1,95	0,49	35	15	7	0,329	200	252

RI	conductor resistance
Lb	specific inductivity
Rbv	bending radius, fixed installation
b	width of (flat) cable
h	height of (flat) cable
Ev	combustion energy
Cu	copper weight (ger)
G	weight