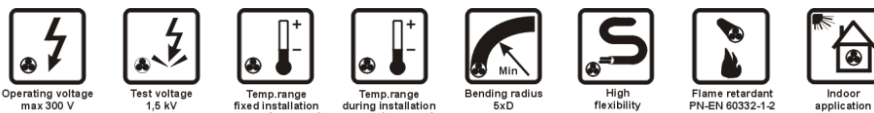


## IPG

### LOUDSPEAKER CABLES



### APPLICATIONS

Loudspeaker cables **IPG** (high flexible) are intended for connection between amplifiers and loudspeakers. The cables are flat with common PVC insulation (eight shape) on two parallel conductors or round PVC insulated and sheathed.

The cables are suitable for indoor installations connecting fixed and movable equipment.

### CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires,
- PVC insulation - the colours of conductor insulation:
  - transparent with black or red strip, other colours also available - for flat cables,
  - transparent with black marking printed on it - for round cables,
- special PVC sheath, only for round cable, coloured according to customer's requirement.

### AVAILABLE UPON REQUEST

**IPG OFC** - cables with conductors made of oxygen-free copper (OFC).

**IPG-HF** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

### CHARACTERISTICS

Conductor cross-section	mm <sup>2</sup>	1.5	2.5	4	6	10	
Conductor resistance at 20°C	maximum value	Ω/km	13.3	7.98	4.95	3.3	1.91
	average value		12.5	7.5	4.7	3.0	1.8
Inductance, approximate	mH/km	30	9	4	2	1.5	

Operating voltage, maximum	300 V	Operating temperature range	
Insulation resistance, minimum	200 MΩ·km	for fixed installation	from - 30 to + 70°C
		for movable installation	from - 10 to + 50°C
Voltage test	1500 V rms	Minimum bending radius	5 x cable height
		Cable combustibility	flame retardant
		Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2

**CE** = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Construction of conductor	Cable dimensions (appr.)	Copper index	Cable weight (appr.)	Product No.	Number of conductors x conductor cross-section	Construction of conductor	Cable dimensions (appr.)	Copper index	Cable weight (appr.)
	mm <sup>2</sup>	mm	mm	kg/km	kg/km		mm <sup>2</sup>	mm	mm	kg/km	kg/km
0020 009	2 x 2,5	140 x 0.15	3.7x7.5	50.5	65.0	0020 003	2 x 10,0	588 x 0.15	6.8x13.8	192.0	250.0
0020 001	2 x 4,0	126 x 0.20	4.6x9.4	80.0	103.0	0020 010	4 x 4,0	126 x 0.20	12.9	153.6	263.0
0020 002	2 x 6,0	126 x 0.25	5.8x11.7	115.2	161.0	0020 011	4 x 6,0	126 x 0.25	14.8	230.4	368.0

Other construction of conductor and cable dimensions available on request.  
**TECHNOKABEL S.A.** reserves the right to change specifications without prior notice.