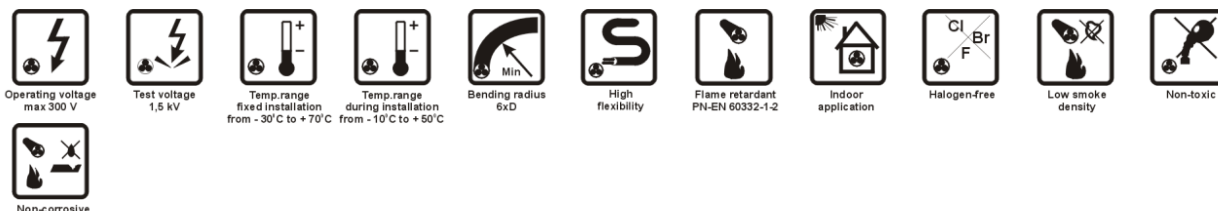
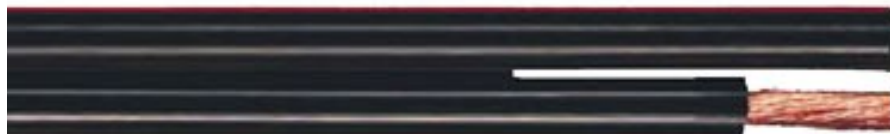


IPG-HF

HALOGEN FREE LOUDSPEAKER CABLES



APPLICATIONS

Loudspeaker cables with halogen free insulation **IPG-HF** are intended for connection between amplifiers and loudspeakers.

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.

The cables are made as flat with common halogen free insulation (eight shape) on two parallel conductors or as halogen free insulated and sheathed round cables.

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

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires,
- insulation made of halogen free compound (HFFR) - the colours of conductor insulation:
black with white strip, other colours also available - for flat cables,
natural with black marking printed on it - for round cables,
- sheath made of halogen free compound (HFFR), only for round cable, coloured according to customer's requirement.

AVAILABLE UPON REQUEST

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

CHARACTERISTICS

Conductor cross-section	mm ²	1.5	2.5	4	6	10
DC conductor resistance at 20°C, maximum	Ω/km	13.3	7.98	4.95	3.3	1.91
Inductance, approximate	mH/km	30	9	4	2	1.5

Operating voltage, maximum 300 V

Insulation resistance, minimum 200 MΩ·km

Corrosivity of emitted gases per PN-EN 60754-1, PN-EN 60754-2, IEC 60754-2

pH appr. 6.8
conductivity appr. 0.4 μS/mm

Smoke density PN-EN 61034-2, IEC 61034-2
minimum light transmittance 70 %

Operating temperature range
for fixed installation from - 30 to + 70°C
for movable installation from - 10 to + 50°C

Minimum bending radius 6 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	Cable dimensions (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1114 003	2 x 2,5	3.4x6.9	48.0	59.0
1114 002	2 x 4,0	4.1x8.4	76.8	93.0
1114 004	2 x 6,0	5.8x11.7	115.2	166.0

Product No.	Number of conductors x conductor cross-section	Cable dimensions (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1114 005	2 x 10,0	6.8x13.8	192.0	257.0
1114 006	4 x 4,0	12.9	153.6	257.0
1114 007	4 x 6,0	14.8	230.4	362.0

Other construction of conductors and cable dimensions available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.