

# BiTsound® LP0275 High Fidelity Instrument Cable OFC

## Flexible coaxial cable



internal application



EN 60332-1



high flexibility



low operating temperature

### Technical data:

**Operating temperature:** -20°C to 70°C  
**Min. ambient temperature for fixed installation:** -30°C  
**Min. installation temperature:** -5°C  
**Capacitance (at 1kHz):**  
 Conductor/screen: ≤ 80nF/km  
**Impedance:** 65Ω±5  
**Min. insulation resistance:** 10GΩxkm  
**Min. bending radius:** 5xØ (Ø - cable diameter)

### Construction:

**Conductors:** bare copper conductors, stranded class 5 acc. to EN 60228  
**Insulation:**  
 1st layer: special semi-conductive PVC; black  
 2nd layer: foamed PE; white  
 3rd layer: special semi-conductive PVC; black  
**Screen:** copper wire braid, coverage min. 90%  
**Outer sheath:** special PVC  
**Outer sheath colour:** black, red, blue or green; matt

### Application:

BiTsound® LP0275 High Fidelity Instrument Cable OFC is designed for transmitting analog signals and dedicated to professional and studio applications. Matt outer sheath eliminates the light reflection effect.  
 BiTsound® LP0275 High Fidelity Instrument Cable OFC is classified in accordance with **EN 50575 (CPR)**.

### Cable properties:

- impact strength and flexibility at both low and room temperatures
- high flexibility
- matt outer sheath eliminating the light reflection effect

Cat. no.	Colour	nxmm <sup>2</sup>	Nominal O.D. [mm]	Nominal weight [kg/km]	Max. screen resistance DC at 20°C [Ω/km]	Max. resistance of power conductors DC at 20°C [Ω/km]
LP0275	black	1x0,5	7,0	63	16,0	39,0
LP0275.05	red					
LP0275.07	blue					
LP0275.07	green					

Cable Factory BITNER reserves the right to modify the specifications without prior notice.  
 Note: On customer's request other cross sections or number of cores can be produced.

