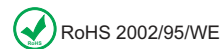
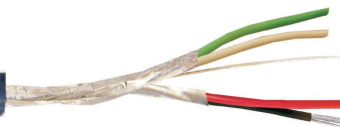


# BITsensor PE-H LSOH

## 2x2x22AWG Halogen-free, screened, paired data transmission cable

BITNER BITsensor PE-H LSOH 2x2x22AWG



### Technical data:

Data transmission cable with two pairs of flexible, copper conductors, twisted in pairs, individually and collectively screened, PE insulated, LSOH sheathed  
**Operating temperature:** -20°C to 70°C  
**Installation temperature:** -5°C to 50°C  
**Operating voltage:** 300 V  
**Test voltage:** 2500 V  
**Min. bending radius:** 30 mm

### Construction:

**Conductors:** multi-stranded (7x0,25 mm) tinned copper conductors  
**Insulation:** HDPE (high-density polyethylene)  
**Conductor colours:**  
1 pair – black, red  
2 pair – white, green  
**Screen:** aluminium backed polyester tape with multi-stranded tinned copper drain wire (7x0,2mm) - 0,22mm<sup>2</sup>  
**Core arrangement:** screened pairs twisted together  
**Outer sheath:** special moisture resistant, halogen-free compound, self-extinguishing and flame retardant acc to EN 60332-1  
**Outer sheath colour:** navy blue

### Application:

Special cable for digital or analogue signal data transmission. Dedicated to RS 485 transmission. Screening protects the transmitted signal from the external electromagnetic interference and ensures proper electrical performance. Cables are suitable for indoor and outdoor use, in dry and moist environment. The outer sheath is resistant to UV and weather conditions. Suitable for direct burial. Mainly for application in areas with increased fire safety requirements (limited flame propagation, no halogens).



industrial applications



internal application



external application



PN-EN 60332-1



UV resistance

No cat.	n x AWG	nx2xmm	Outer diameter [mm]	Approximate cable weight [kg/km]
LP0171	2x2x22 AWG	2x2x0,34	4,5	60

Cross section in mm<sup>2</sup> is an approximate value

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