

BiTsensor® PE-PVC 2x2x22AWG

Screened, paired data transmission cable


RoHS 2015/863/EU


LVD 2014/35/EU


CPR 305/2011


24 months warranty




industrial application


internal application


external application


underground installation


EN 60332-1-2


data transmission


UV resistance

Technical data:

Operating temperature: -30°C to 80°C
Min. installation temp.: -5°C
Operating voltage: 300V
Test voltage: 2500V
Min. bending radius: 30mm

Design:

Conductors: multi-stranded (20x0,15 mm) tinned copper conductors – 0,34mm²
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) - 0,22mm²
Core arrangement: screened pairs twisted together
Outer sheath: special moisture resistant, flame retardant PVC, acc. EN 60332-1-2

Application:

Special cable for digital or analogue signal data 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. Cables classified according to **PN-EN 50575 (CPR)**.

Cat. no.	n x AWG	nx2xmm ²	Approximate outer diameter [mm]	Approximate cable weight [kg/km]
LP0170	2x2x22AWG	2x2x0,34	6,5	60
LP0170.07	2x2x22AWG	2x2x0,34	6,5	60

Cross section in mm² is given approximately
Cable Factory BITNER reserves the right to modify specifications without prior notification