

# HELUKABEL® BS 5308 Part 1 Instruments cable,

core insulation PE or XLPE



## Technical data

- Instrument cable acc. to British Standard 5308 Part 1
- **Temperature range**  
fixed installation -20°C to +65°C
- **Nominal voltage**  
U<sub>0</sub>/U 300/500 V
- **Minimum bending radius**  
fixed installation  
5x outer Ø (type 1)  
6x outer Ø (type 2+3)

## Cable structure

- Copper conductor, single-, multiple-, or fine-wire acc. to BS 6360  
Conductor cross-sections from 0,5 mm<sup>2</sup> to 1,5 mm<sup>2</sup>
- Core insulation
  - Polyethylene acc. to BS 6234 Type 03 or
  - XLPE (cross-linked polyethylene for LSZH cable)
- Cores stranded in pairs with optimal lay-length,  
Lay-length smaller than 100 mm  
Number of pairs: 1,2,5,10,15,20,30,50
- Pairs individually not screened or screened
- Pairs stranded in layers
- Wrapping with aluminium/polyester foil, on request
- **Type 1**  
Flame retardant PVC outer sheath or LSZH
- **Type 2**  
Extruded polyethylene inner sheath,  
steel wire armouring,  
Flame retardant PVC outer sheath or LSZH
- **Type 3**  
PVC inner sheath,  
steel wire armouring,  
PVC outer sheath
- Sheath colour black or blue

## Note

As a result of a wide range of cables and wires acc. to British Standard, you can find following only a small selection of types.  
For request about British Standard cables please contact us under  
Ph. 0049 7150 9209-786  
E-Mail: spezialkabel@helukabel.de

## Application

As measurement and control cables in power plants and industrial plants, and in the petrochemical industry. **Example** BS 5308 P1 T1 CU / PE / CAM / PVC = Overall screening, sheath PVC BS 5308 P1 T2 CU / XLPE / IAM / CAM / LSZH / SWA / LSZH = Pair screened, Overall screening, galvanic round steel wire, halogen free

Dimensions and specifications may be changed without prior notice.