

HELUKABEL BS 5308 Part 1 / Part 2

Instruments cable, core insulation PE or XLPE / Instruments cable, core insulation PVC



Technical data

- Instrument cable acc. to British Standard 5308 Part 1
- **Temperature range**
fixed installation -20°C to +65°C
- **Nominal voltage**
U₀/U 300/500V
- **Minimum bending radius**
fixed installation
5x external Ø (Type 1)
6x external Ø (Types 2+3)

Cable structure

- Copper conductor, single-, multiple-, or fine-wire acc. to BS 6360
- Conductor cross-sections from 0,5 mm² to 1,5 mm²
- 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 100mm
- 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 according 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 9209-731, -135 Fax 0049 7150 9209-148

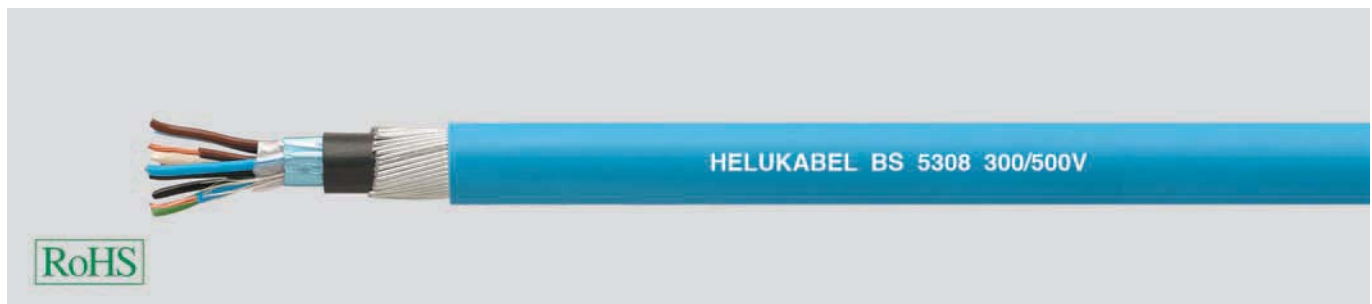
Application

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, jacket PVC

BS 5308 P1 T2 CU / XLPE / IAM / CAM / LSZH / SWA / LSZH = Pair screened, Overall screening, galvanic round steel wire, halogen free



Technical data

- Instrument cable acc. to British Standard 5308 Part 2
- **Temperature range**
fixed installation -20°C to +65°C
- **Nominal voltage**
U₀/U 300/500V
- **Minimum bending radius**
fixed installation
5x external Ø (Type 1)
6x external Ø (Types 2)

Cable structure

- Copper conductor, single-, multiple-, or fine-wire acc. to BS 6360
- Conductor cross-sections from 0,5 mm² to 1,5 mm²
- Core insulation
- PVC acc. to BS 6746
- Cores stranded in pairs with optimal lay-length,
Lay-length smaller than 100mm
- Number of pairs: 1,2,5,10,20,30,50
- Pairs individually not screened or screened
- Pairs stranded in layers
- Wrapping with aluminium/polyester foil, on request

- **Type 1**
Flame retardant PVC outer sheath
- **Type 2**
Extruded PVC inner sheath, steel wire armouring
Flame retardant PVC outer sheath
- Sheath colour black or blue

Note

As a result of a wide range of cables and wires according 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 9209-731, -135 Fax 0049 7150 9209-148

Application

As measurement and control cables in power plants and industrial plants, and in the petrochemical industry.

Example

BS 5308 P2 T2 CU / PVC / CAM / PVC / SWA / PVC = Overall screening, steel wire armouring