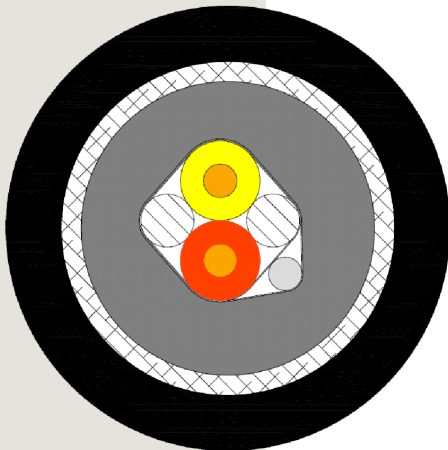


OrTalk Bus cable

Data-communication Orga OrTalk cable for Orga OrTalk systems

OrTalk Data-communication cable for Orga equipment with OrTalk communication connections. Offshore Grade Single Pair Fire Resistant, Low Smoke, Zero Halogen Signal Cable



Key features

- Dedicated OrTalk cable for data communication within Orga OrTalk systems
- Flame retardant, Low smoke, Zero halogen, Mudproof, Oil resistant

Standards/Certification

- In compliance with IEC 61034-2; Smoke density
- Certified to IEC 60754-1 & 60754-2; Test on halogens
- Certified to IEC 60332-1, IEC 60332-3-22 (Cat. A); Flame retardant
- In compliance with IEC 60331-2 (120); Fire resistant
- In compliance with NEK 606; Mud proof
- Certified to IEC 60811-504; Cold Resistance Bending Test (-50°C)

Electrical characteristics

- Impedance fieldbus wires: 140 Ohm @ 50-100KHz

Physical characteristics

- Halogen free materials
- Conductor size: stranded copper wire screened pair 1 x 2 x 0.5mm² + 0.5mm²
- Conductor Insulation: ceramic silicone rubber
- Conductor screen: static screen of aluminium laminated plastic foil combined with 0.5mm² tinned copper wire
- Fillers Diameter: 2.7 mm
- Inner sheath material: XL-LSZH SHF2 according to IEC 60092-360
- Inner sheath Thickness: nominal value 1.3 mm
- Braiding Material: galvanised steel wire
- Braiding Thickness: 0.24 mm
- Outer sheath Material: XL-LSZH SHF2 according to IEC 60092-360
- Outer sheath Thickness: 1.3 mm
- Overall outer diameter: 13.2 +/- 0.5mm
- Weight: 213 g/m
- Operating temperature range: -50°C to +85°C
- Installation temperature range: -30°C to +85°C

OrTalk Bus cable

Data-communication Orga OrTalk cable for Orga OrTalk systems

continued

System design, control and monitoring

- Orga cable for use with Orga systems for optimum communication between parts of the system.
- Maximum length of Orga OrTalk fieldbus: 1200m