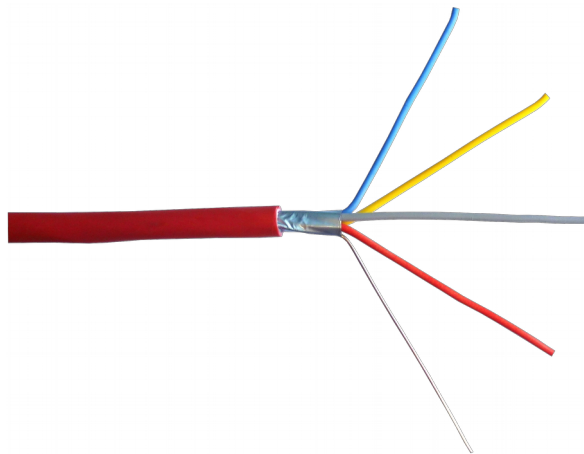


Connection Cable CC 20



Features

- ◆ Fire alarm cable, type JE-H((St)H...Bd FE180 E30-E90
- ◆ Halogen-free, with improved fire characteristics
- ◆ Applicable up to a maximum operating voltage of 225 V AC
- ◆ The System circuit integrity requirement E30-E90*, according to DIN 4102-12, allows for an operating voltage of up to 110 V AC, *System circuit integrity is dependent on installation method

General Data

- ◆ Operating temperature: -30 °C ... +70 °C (permanent installation)
-5 °C ... +50 °C (during installation)
- ◆ Cable diameter: 6 mm
- ◆ Conductor: Bare copper, 0,8 mm Ø, according to VDE 0815
- ◆ Core count: 4 with additional drain wire
- ◆ Isolation: Flame retardant, ceramifying, high-performance special compound, made of cross-linked polymer according to EN 50290-2-26
- ◆ Core colours: According to VDE 0815
- ◆ Shielding: Aluminium laminated tape with tinned copper drain wire, 0,8 mm Ø
- ◆ Outer sheath: Flame retardant HM2 polyolefin compound according to VDE 0819 part 107, EN 50290-2-27 and VDE 0250-214, FRNC/L50H
- ◆ Separator: PEPT-plastic tape
- ◆ Outer sheath colour: Red
- ◆ Weight: 56 kg / km
- ◆ Bending radius: ≥ 45 mm (during installation)
≥ 15 mm (permanent installation)

Electrical Properties

- ◆ Insulation resistance: Min. 100 MΩ x km
- ◆ Loop resistance: Max. 76,2 Ω / km
- ◆ Capacitance: Max. 120 nF / km, at 800 Hz, unbalanced
- ◆ Capacitive coupling: Max. 200 pF / 100 m, at 800 Hz
- ◆ Rated voltage: Max. 225 V
- ◆ Test voltage: 500 V, 50 Hz, Core/Cope
2000 V, 50 Hz, Core/Shield

Approvals

- ◆ LS0H: IEC 60754-1 / -2, EN 50267-2-1 / -2-2, VDE 0482-267-2-1 / -2-2, AREI-RGIE Art. 104-SA
- ◆ Flame propagation: IEC 60332-1 / -2, EN 60332-1-2, VDE 0482-332-1-2, AREI-RGIE Art. 104-F1
- ◆ Flame spread: IEC 60332-3-22 / -24 Cat. A/C, EN 60332-3-22 / -24 Cat. A/C, VDE 0482-332-3-22 / -24 Cat. A/C, AREI-RGIE Art. 104-F2
- ◆ Smoke density: IEC 61034-1 / -2, EN 61034-1 / -2, VDE 0482-1034-1 / -2, AREI-RGIE Art. 104-SD
- ◆ Circuit integrity: IEC 60331-11 / -21 (180 minutes), VDE 0472 part 814 (FE180), IEC 60331-2, EN 50200, VDE 0482-200, AREI-RGIE Art. 104-FR1
- ◆ System circuit integrity: DIN 4102 part 12, NBN 713-020, AREI-RGIE Art. 104-FR2

Ordering Information

- ◆ **Connection Cable CC 20**

Art.-no.: **Z00341**

Scope of Delivery

- ◆ Ordered length as cable ring in cardboard box, or on one way drum and pallet.

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