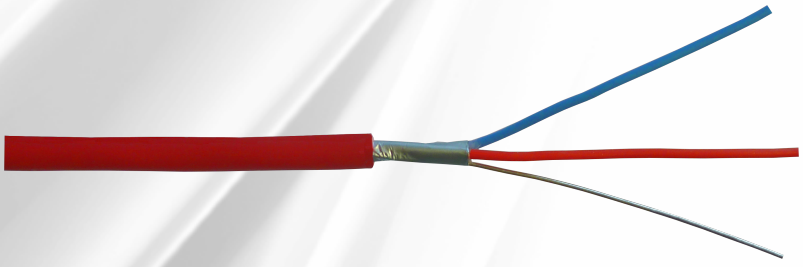
Connection Cable CC 15



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:	5,5 mm
Conductor:	Bare copper, 0,8 mm Ø, according to VDE 0815
Core count:	2 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:	PETP-plastic tape
Outer sheath colour:	Red
Weight:	40 kg / km
Bending radius:	≥ 45 mm (during installation) ≥ 15 mm (permanent installation)
Storage Conditions:	0 °C ... +60 °C, prevention against humidity and **UV** light

Electrical Properties

Insulation resistance:	Min. 100 MΩ x km
Loop resistance:	Max. 73,2 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/Core 2000 V, 50 Hz, Core/Shield

Tested According to

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

Tested According to

- 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
- Function element: ***EN 54-22***, approved by VdS Schadenverhütung GmbH, VdS no. G 221004, Environmental class III, Response classes ***A1N***, ***A2N***, ***BN***, ***CN***, ***A1I***, ***A2I***, ***BI***, ***CI***

Ordering Information

- Connection Cable **CC 15** Art.-no.: **Z00345**

Scope of Delivery

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

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