

J-H(St)H Bd

Installation cable, halogen-free

Konstrukce

- Stranded bare copper conductor for cross-sections 0,6 mm, 0,8 mm
- Halogen-free core insulation according to DIN VDE 0207 part 23
- Core color coded according to DIN VDE 0815
- The cores stranded to quads, 5 quads stranded to unit and wrapped with plastic tape
- Electrostatic screening (St) with plastic coated aluminium foil (Al PET) + CuSn drain wire
- Separator
- Grey, halogen-free sheath of polymer compound
- Red, halogen-free sheath of polymer compound for fire alarms

Použití

Halogen-free installation cables with improved characteristics in case of fire are used for telephone transmission, measurement and control technology. The electrostatic screening considerably reduces effect of outer electrical interferences. In case of fire no flame propagation. When burning no corrosive gases are produced. These cables are preferably used for telecommunication indoor installations and in special cases, outer application is permitted under protection against UV radiation. These cables are also suitable for fixed installation in dry and moist areas as well as under plaster. As cables for fire alarms with red colored outer jacket and imprint "BRANDMELDEKABEL"

Technická data

- Flame retardant, halogen-free, installation cable according to DIN VDE 0815
- Temperature range flexing from -5°C to +50°C; fixed from -30°C to +70°C
- Loop resistance at 20°C max. 130 Ω/km (0,6 mm), max. 73,5 Ω/km (0,8 mm)
- Operating voltage (peak value) 300 V
- Test voltage a.c.core/core 800 V, core/screen 800 V
- Insulation resistance min. 100 MΩ x km
- Mutual capacitance at 800 Hz max. 120 nF/km (this value can be exceeded by 20 % in cables up to 4 pairs)
- Capacitance unbalance at 800 Hz K1 max. 300pF/100 m, K9-12 max. 100pF/100 m
- Attenuation at 800 Hz 1,72 dB/km (0,6 mm), 1,12 dB/km (0,8 mm)
- Minimum bending radius approx. 7,5 x cable diameter

Popis produktu

Tests

- Flame-retardant to DIN VDE 0482-332-3-24/EN 60332-3-24/IEC 60332-3-24 (cat.C)
- Low corrosiveness of combustion gases to IEC 60754-2
- Smoke density to IEC 61034-1,-2

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 201/35/EU.
- BRANDMELDEKABEL - red sheath for fire alarms available upon request.
- Conforms to RoHS.