KONEKA

We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

# PRAFlaSafe +T

## 1-CSKH-R B2ca s1a d1 a1
## SiR/FRNC copper energy cables, without insulation integrity and class 5 cores

Cables are designed for fixed distribution of electricity in buildings with a high concentration of people to protect them and protect the technical equipment of buildings in the event of fire, where there is no requirement to maintain the functionality of the cable installation in fire. In case of fire, the cable releases a small amount of heat and smoke. The cables are resistant to UV radiation and water AD1–AD7.




### TECHNICAL DATA

**Standard**
ČSN 34 7660-100
TP PRAKAB 01/21

**Certificate**
EZÚ Czech Republic

**Test Voltage**
core/core 4 kV / 50 Hz

**Rated Voltage**
0,6/1 kV

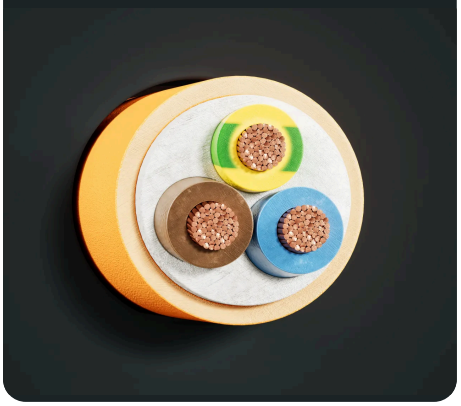
**Bending radius (min.)**
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore)

**Fire properties**
ČSN EN 60332-1-2: self-extinguishing
ČSN EN 60754-2: halogen-free, non-corrosive combustion gases
ČSN EN 61034-2: low smoke emission
ČSN EN 60332-3-22: reduced flame propagation
ČSN EN 13501-6: fire classification
CPR Classification: B2ca s1a d1 a1

**Core identification**
HD 308 S2

**Temperature range**
Laying temperature: min. -5°C
Operating temperature: -40°C up to 60°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 90°C

### DESIGN



1. Copper conductor (RF, class 5 acc. EN60228)
2. Core insulation (silicone rubber)
3. Inner covering (halogen-free filling compound)
4. Sheath (halogen-free polymer compound, orange, UV-resistant, water resistant)

| Number of cores x nominal cross-section (mm²) | Max. conductor resistance (Ω/km) | Current rating in the earth (A) | Current rating in the air (A) | Outer diameter appr. (mm) | Total weight appr. (kg/km) |
|---|---|---|---|---|---|
| 3 x 1.5 RF | 13.3 | 39 | 24 | 11.1 | 171 |
| 4 x 1.5 RF | 13.3 | 39 | 24 | 12.0 | 198 |
| 5 x 1.5 RF | 13.3 | 39 | 24 | 13.0 | 229 |
| 3 x 2.5 RF | 7.98 | 51 | 32 | 12.3 | 222 |
| 5 x 2.5 RF | 7.98 | 51 | 32 | 14.4 | 303 |
| 5 x 4 RF | 4.95 | 66 | 42 | 16.8 | 438 |
| 5 x 6 RF | 3.3 | 82 | 53 | 19.2 | 590 |
| 5 x 10 RF | 1.91 | 110 | 74 | 22.4 | 890 |
| 5 x 16 RF | 1.21 | 142 | 98 | 26.3 | 1310 |

Technical changes reserved. All figures are therefore without guarantee.

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