

LOW VOLTAGE CABLES 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



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 (mm ²)	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

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