



Single core halogen free cables, UV stabilized

VUKI a.s. * CH-R 1x1,5 UV * 1234m

Application:

Single core cables with resistance to flame propagation according to STN EN 60332-3... (STN EN 50266-2-...), halogen-free, with low density of smoke according to STN EN 61034-2 and low corrosivity of combustion gases according to STN EN 50267-2-3. Cables are used for nominal voltage of 0,6/1 kV for fixed installation both in normal and moist environments (STN 33 2000-5-51). Cables are UV stabilized.

Cable construction:

- **Number of cores:** 1
- **Cable core:** copper conductor cl. 1
- **Nominal cross-section:** 0,5 mm², 1,5 mm²
- **Insulation:** HFFR
- **Colour of insulation:** green-yellow, white or other colours, UV stabilized

Technical data:

- **Nominal voltage U₀/U (kV):** 0,6/1
- **Test voltage [kV]:** 2,5
- **Max. operating temperature:** 90 °C
- **Min. temperature for laying:** -5 °C
- **Min. operating temperature:** -30 °C
- **Min. bending radius:** 8 x cable diameter

Marking:

Core identification: acc. to STN EN 60446

Letter code:

position	letter	meaning
1.	C	copper conductor cl. 1
2.	H	HFFR insulation
3.	R	cable is flame-retardant
4.	UV	UV stabilized

Application table:

Nominal cross-section	Effective resistance of conductor	Nominal insulation thickness	Outer diameter (appr.)
mm ²	Ω/km	mm	mm
0,5 RE	36	1,2	3,2
1,5 RE	12,1	1,3	4,2

