

# BiTinstal<sup>®</sup>H(p) 450/750V

Flat installation cable, halogen-free



internal application



EN 60332-1



halogen free  
EN 60754



low smoke emission  
EN 61034



IEC 60332-3  
EN 60332-3



B2ca-s1b,d0,a1

## Technical data:

Power cable, halogen-free

**Operating temperature:** -30°C do 80°C

Min. installation temperature -5°C

**Operating voltage U<sub>0</sub>/U = 450/750V**

**Test voltage:** 2500V

**Min. bending radius:** 5x∅

**Behaviour in case of fire:** B2<sub>ca</sub> - s1b, d0, a1

## Design:

**Conductors:** solid copper conductors class 1 acc. to EN 60228

**Insulation:** special polymer, halogen-free

**Core arrangement:** cores arranged in parallel

**Outer sheath:** special polymer, halogen-free, self-extinguishing and flame retardant (EN 60332-1, IEC 60332-1, EN 60332-3-24, IEC 60332-3 cat. C)

**Sheath colour:** white

## Application:

Halogen-free instal cables, rated 450/750V, designed for power and lighting installations. Due to high reaction-to-fire class, cables are intended for use in buildings with increased fire safety requirements. They are suitable for operation in dry and damp rooms, both within and on walls, as well as in masonry walls and in concrete (only fixed installations). They may also be used for external application but suitably protected against direct exposure to sunlight. When buried underground, cables should be installed in pipes and cable ducts.

### Note:

BiTinstal<sup>®</sup>H(p) 3G1,5mm<sup>2</sup> – halogen-free instal flat cable with three 1.5mm<sup>2</sup> cores, with protective core

n x mm <sup>2</sup>	Cores colours	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]
3G1,5 mm <sup>2</sup>	brown, blue, green-yellow	11,4 x 5,5	130	43,2
3G2,5 mm <sup>2</sup>	brown, blue, green-yellow	13,1 x 5,9	175	72,0

Cable Factory BITNER reserves the right to modify the specifications without prior notice