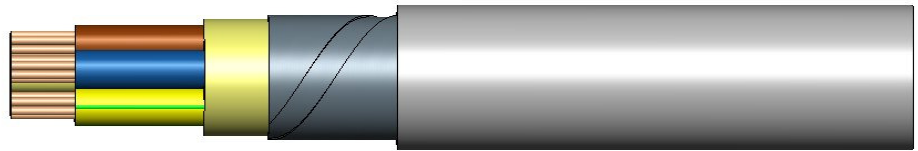
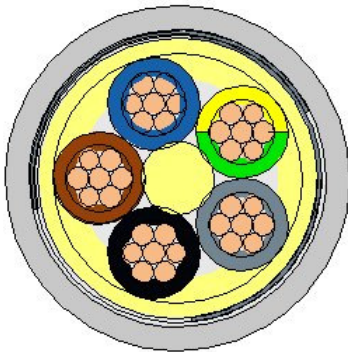


## NHBH-J

U<sub>o</sub>/U 450/750 V

DS 2393-3; IEC 60502-1 Applicable parts



IEC 60332-1	EN 50265-2-1	Flame retardant
IEC 60754	EN 50267	Halogen free, non corrosive
IEC 61034	EN 50268	Low smoke density
NF C32-062-2 annexe 3	1000 h with 200-400 nm UV-resistant	

### Applications

For fixed installations indoors and outdoors, also in wet conditions, or inlaid in conduits, canals and hollow constructions. Direct burial in soil is allowed, as long as the relevant national rules of installations are followed. Cable gives good protection against rodents and other mechanical stress. UV-resistant sheathing material allows installation to direct sunlight. Cables must be handled and installed by the qualified persons only.

Max. operating temperature +70 °C

Min. handling temperature -20 °C

Max. conductor temperature during short circuit (max. 5 sec.) + 250 °C

Min. bending radii (D = overall diameter)

- during handling and installation : 15 x D
- in case of final installation with only one bending: 10 x D

Max. pulling force: (A = total area of conductors)

- pulling by pulling-head A x 50 N/mm<sup>2</sup>

### Construction

Conductor:	Circular stranded copper (IEC 60228 class 2)
Insulation:	Extruded XLPE-compound
Core identification:	Green/yellow, blue, brown, black and grey
Inner covering:	Extruded halogen free compound
Armour:	Galvanized steel tapes
Outer sheath:	Extruded halogen free polyolefin compound, colour grey

REKA code	Size [mm <sup>2</sup> ]	Conductor resistance DC +20 °C [Ω/km]	Insulation thickness [mm]	Sheath thickness [mm]	Overall diameter approx. [mm]	Weight approx. [kg/km]
1300587	5G6	3,08	0,7	1,2	18	620
1300588	5G10	1,83	0,7	1,3	20	870
1300589	5G16	1,15	0,7	1,4	24	1250