

# NOVAK-HF



## Cable for instrumentation, process control and computer systems, fixed installation

<b>Electrical properties</b>	Pair DC resistance (+20°C) max. 81 ohm/km Nominal pair capacitance (800 Hz) 80 nF/km Insulation resistance min. 100 Mohm x km
<b>Conductor</b>	Annealed, tinned copper 0,5 mm <sup>2</sup> /7 x 0,3 mm
<b>Insulation</b>	PE, nominal wall thickness 0,3 mm
<b>Twisting</b>	Two conductors twisted together. Each pair has a different lay. Pair identification with a colour code and an identification number.
<b>Pair colour codes</b>	Orange/white
<b>Pair numbers</b>	Each pair has an identification number
<b>Units</b>	Units consisting of 4 pairs twisted together Unit identification with a numbered tape
<b>Stranding</b>	Groups cabled together and covered with a polyester tape
<b>Shielding</b>	Plastic coated aluminium tape over a ground conductor 7x0,3 mm
<b>Sheath</b>	Flame retardant, halogen-free polyolefine plastic, light grey.

**Rated voltage** 75 V

**Identification** Lot number, cable type, cable size, production month, year, manufacturer's name and meter marking printed on the sheath

**Fire properties** IEC 60332-1, IEC 60332-3-22

**Physical properties** Installation temperature -15 °C to 50 °C  
During operation -40 °C to 70 °C

Type	Conductors	Nominal outer Ø mm	Nominal weight kg/km	Standard delivery length m
NOVAK-HF	2 x 2 x 0,5 + 0,5	6,5	48	1000
	4 x 2 x 0,5 + 0,5	7,5	75	1000
	8 x 2 x 0,5 + 0,5	9,8	131	1000
	12 x 2 x 0,5 + 0,5	11,6	186	1000
	24 x 2 x 0,5 + 0,5	17,5	346	1000