

# HEVAK/HEVAK-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> /7x0,3 mm
<b>Insulation</b>	PE, nominal wall thickness 0,25 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>	Blue/red, grey/yellow, green/brown, white/black
<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>	HEVAK: Flame retardant PVC, light grey HEVAK-HF: Flame retardant, halogen-free polyolefine plastic, light grey
<b>Rated voltage</b>	75 V
<b>Identification</b>	Lot number, cable type, cable size, production month, year, manufacturer's name and meter marking printed on the sheath
<b>Fire properties</b>	HEVAK: IEC 60332-1 HEVAK-HF: IEC 60332-2-3-22

Type	Conductors	Nominal outer Ø mm	Nominal weight kg/km	Standard delivery length m
HEVAK	2 x 2 x 0,5 + 0,5	6,5	48	1000
	4 x 2 x 0,5 + 0,5	7,5	74	1000
	8 x 2 x 0,5 + 0,5	9,8	129	1000
	12 x 2 x 0,5 + 0,5	11,6	185	1000
	24 x 2 x 0,5 + 0,5	17,5	343	1000

Type	Conductors	Nominal outer Ø mm	Nominal weight kg/km	Standard delivery length m
HEVAK-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