

NOVAK/NOVAK-HF



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

Electrical properties	Pair DC resistance (+20°C) max. 81 ohm/km Nominal pair capacitance (800 Hz) 80 nF/km Insulation resistance min. 100 Mohm x km
Conductor	Annealed, tinned copper 0,5 mm ² /7 x 0,3 mm
Insulation	PE, nominal wall thickness 0,25 mm
Twisting	Two conductors twisted together. Each pair has a different lay. Pair identification with a colour code and an identification number.
Pair colour codes	Orange/white
Pair numbers	Each pair has an identification number
Units	Units consisting of 4 pairs twisted together Unit identification with a numbered tape
Stranding	Groups cabled together and covered with a polyester tape
Shielding	Plastic coated aluminium tape over a ground conductor 7x0,3 mm
Sheath	NOVAK: Flame retardant PVC, light grey NOVAK-HF: 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	NOVAK: IEC 60332-1 NOVAK-HF: IEC 60332-2-3-22

Type	Conductors	Nominal outer Ø mm	Nominal weight kg/km	Standard delivery length m
NOVAK	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	9,0	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
	48 x 2 x 0,5 + 0,5	23,3	667	1000

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