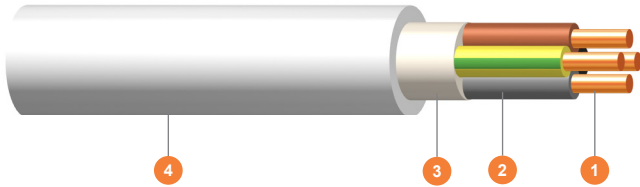


Wiring cables with PVC insulation



Based on standard

NKT 54.1 S2:2005
DIN VDE 0250-204:2004

Construction

- 1 Copper conductor class 1
- 2 PVC insulation
- 3 Bedding compound PVC
- 4 PVC sheath

Application

Cables are designed for fixed installation, indoors, in the air in and under plaster.

Properties

Rated voltage	300/500 V	Colour of sheath	white/grey
Test voltage	2 kV	Self-extinguishing of a single cable	IEC 60332-1-2
Max. conductor temperature	+70 °C	Packaging	coils, drums
Max. short-circuit temperature	+160 °C	Min. bending radius	4d (cable diameter)
Working temperature range	-40 up to +70 °C*)	Certificate	„Z” BBJ SEP conformity certificate
Min. temperature for laying and manipulation	-20 °C	RoHS	yes
Min. storage temperature	-40 °C *)	REACH	yes
Colour of insulation	HD 308 S2		

*) Based on company technological tests

Technical data

No. of cores and cross-section	Nominal insulation thickness	Nominal sheath thickness	Outer diameter approx.	Cable mass approx.	Effective resistance of conductor
mm ²	mm	mm	mm	kg/km	Ω/km
2x1,5	0,6	0,9	6,9	81	12,1
2x2,5	0,7	0,9	8,1	117	7,41
2x4,0	0,8	1,0	9,7	173	4,61
2x6,0	0,8	1,0	10,7	226	3,08
2x10,0	1,0	1,1	13,4	365	1,83
3x1,5	0,6	0,9	7,3	98	12,1
3x2,5	0,7	0,9	8,6	143	7,41
3x4,0	0,8	1,0	10,3	215	4,61
3x6,0	0,8	1,0	11,4	285	3,08
3x10,0	1,0	1,1	14,3	463	1,83
4x1,5	0,6	0,9	8,0	120	12,1
4x2,5	0,7	0,9	9,4	177	7,41
4x4,0	0,8	1,0	11,3	268	4,61
4x6,0	0,8	1,1	12,8	368	3,08
4x10,0	1,0	1,1	15,7	584	1,83
5x1,5	0,6	0,9	8,7	148	12,1
5x2,5	0,7	0,9	10,2	220	7,41
5x4,0	0,8	1,0	12,4	336	4,61
5x6,0	0,8	1,1	13,9	457	3,08
5x10,0	1,0	1,1	17,2	730	1,83
7x1,5	0,6	0,9	9,5	184	12,1
7x2,5	0,7	1,0	11,5	281	7,41