



USE OF CABLE

power, control and connecting cable in electrical facilities for fixed laying and flexible applications without tensile stress and without defined cable routing. Suitable for use in dry, humid and wet rooms. Outdoor use only with UV-protection, no laying in underground. Applicable also for YSLY or YY.



SPECIAL FEATURES

- largely resistant to acids, bases and specified types of oil
- 4 kV testing voltage

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- LABS-/silicone-free (during production)
- special versions, other dimensions, core and jacket colours according to your specifications on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	PVC
Core identification:	Coloured: up to 5 cores acc. to DIN VDE 0293-308; from 6 cores TKD colour code (see technical guideline); G: with GNYE
Stranding:	Stranded in layers
Outer sheath:	PVC
Sheath colour:	Grey, RAL 7001
Rated voltage:	U ₀ /U: up to 16mm ² 300/500V or 450/750V (s. right page); from 25mm ² 0,6/1kV
Testing voltage:	4 kV
Conductor resistance:	Acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see technical Guidelines
Min. bending radius fixed:	4 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-15 °C / +70 °C
Temp. at conductor:	+ 70 °C in operation; +150 °C in case of short-circuit
Burning behavior:	Self-extinguishing & flame-retardant acc.to IEC 60332-1
Standard:	Similar to EN 50525-2-51 450/750 V & 0.6/1 kV variants with adjusted insulation wall thicknesses

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1000923	2 X 0,5	4,8	10,00	33,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000333	3 G 0,5	5,2	15,00	41,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000937	3 X 0,5	5,2	15,00	41,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000354	4 G 0,5	5,7	19,00	50,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000950	4 X 0,5	5,7	19,00	50,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000371	5 G 0,5	6,3	24,00	63,00	grey	V1: ÖPVC-JB/OB 300/500 V
1004380	5 X 0,5	6,3	24,00	63,00	grey	V1: ÖPVC-JB/OB 300/500 V
1002936	6 G 0,5	6,7	28,80	70,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000384	7 G 0,5	6,8	34,00	78,00	grey	V1: ÖPVC-JB/OB 300/500 V

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1004218	8 G 0,5	7,4	38,00	97,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003359	12 G 0,5	9,1	58,00	130,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003732	14 G 0,5	9,5	67,00	151,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000926	2 X 0,75	5,2	15,00	43,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000334	3 G 0,75	5,6	22,00	52,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000938	3 X 0,75	5,6	22,00	52,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000355	4 G 0,75	6,3	29,00	66,00	grey	V1: ÖPVC-JB/OB 300/500 V
1004381	4 X 0,75	6,3	29,00	64,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000372	5 G 0,75	6,8	36,00	76,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000385	7 G 0,75	7,4	50,00	98,00	grey	V1: ÖPVC-JB/OB 300/500 V
1005192	10 G 0,75	9,1	72,00	148,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003360	12 G 0,75	10,0	86,00	163,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000930	2 X 1	5,7	19,00	50,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000944	3 X 1	6,1	29,00	62,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000340	3 G 1	6,1	29,00	62,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000356	4 G 1	6,6	38,00	75,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000958	4 X 1	6,6	38,00	75,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000374	5 G 1	7,2	48,00	92,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000387	7 G 1	8,1	67,00	120,00	grey	V1: ÖPVC-JB/OB 300/500 V
1004001	6 G 1	8,1	58,00	114,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003782	10 G 1	10,4	96,00	187,00	grey	V1: ÖPVC-JB/OB 300/500 V
1001920	12 G 1	10,6	115,00	200,00	grey	V1: ÖPVC-JB/OB 300/500 V
1004101	16 G 1	12,3	154,00	300,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000931	2 X 1,5	6,3	29,00	65,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000341	3 G 1,5	6,7	43,00	81,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000946	3 X 1,5	6,7	43,00	81,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000357	4 G 1,5	7,3	58,00	101,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000959	4 X 1,5	7,3	58,00	101,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000376	5 G 1,5	8,2	72,00	125,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000388	7 G 1,5	9,0	101,00	160,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003996	8 G 1,5	10,6	115,00	205,00	grey	V1: ÖPVC-JB/OB 300/500 V
1001723	12 G 1,5	11,9	173,00	267,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003899	25 G 1,5	16,9	360,00	539,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000934	2 X 2,5	7,6	48,00	99,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000347	3 G 2,5	8,2	72,00	126,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000362	4 G 2,5	9,0	96,00	156,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000380	5 G 2,5	10,1	120,00	195,00	grey	V1: ÖPVC-JB/OB 300/500 V
1001737	7 G 2,5	11,2	168,00	250,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000061	12 G 2,5	15,0	288,00	423,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000935	2 X 4	9,4	77,00	152,00	grey	V1: ÖPVC-JB/OB 300/500 V

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1000351	3 G 4	10,0	115,00	193,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000365	4 G 4	11,0	154,00	241,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000382	5 G 4	12,3	192,00	300,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003362	12 G 4	18,3	461,00	661,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003361	7 G 4	13,6	269,00	389,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000353	3 G 6	11,7	173,00	275,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000367	4 G 6	12,6	230,00	337,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000383	5 G 6	14,1	288,00	419,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003363	7 G 6	15,5	403,00	544,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003364	3 G 10	14,7	288,00	449,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000359	4 G 10	16,3	384,00	572,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000377	5 G 10	18,2	480,00	712,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000389	7 G 10	20,1	672,00	925,00	grey	V1: ÖPVC-JB/OB 300/500 V
1001685	3 G 16	18,5	461,00	680,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000361	4 G 16	20,7	614,00	860,00	grey	V1: ÖPVC-JB/OB 300/500 V
1000378	5 G 16	23,0	768,00	1071,00	grey	V1: ÖPVC-JB/OB 300/500 V
1003365	7 G 16	25,2	1075,00	1393,00	grey	V1: ÖPVC-JB/OB 300/500 V
1005393	2 X 1	6,5	19,20	63,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005394	3 G 1	6,9	28,80	77,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005395	4 G 1	7,7	38,40	97,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005396	5 G 1	8,5	48,00	119,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005397	2 X 1,5	7,7	28,80	90,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005398	3 G 1,5	8,0	43,20	110,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005399	4 G 1,5	9,1	57,60	139,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005400	5 G 1,5	10,0	72,00	169,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005401	2 X 2,5	9,1	48,00	133,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005402	3 G 2,5	9,6	72,00	161,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005403	3 X 2,5	9,6	72,00	161,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005404	4 G 2,5	10,7	96,00	205,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005405	5 G 2,5	12,0	120,00	257,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005406	7 G 2,5	13,1	168,00	321,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005407	2 X 4	10,5	77,00	186,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005408	3 G 4	11,2	115,00	231,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005409	4 G 4	12,5	154,00	296,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005410	5 G 4	13,9	192,00	367,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005411	7 G 4	15,2	269,00	471,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005412	2 X 6	11,8	115,00	248,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005413	3 G 6	12,6	173,00	312,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005414	4 G 6	14,0	230,00	398,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005415	5 G 6	15,6	288,00	496,00	grey	V2: ÖPVC-JB/OB 450/750 V

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1004653	7 G 6	17,3	403,00	651,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005416	3 G 10	15,9	288,00	506,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005417	4 G 10	17,9	384,00	656,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005418	5 G 10	20,0	480,00	819,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005419	7 G 10	21,6	672,00	1058,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005420	3 G 16	18,5	461,00	739,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005422	4 G 16	20,7	614,00	952,00	grey	V2: ÖPVC-JB/OB 450/750 V
1005423	5 G 16	23,0	768,00	1183,00	grey	V2: ÖPVC-JB/OB 450/750 V
1003366	3 G 25	23,7	720,00	1370,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000363	4 G 25	26,0	960,00	1471,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1001848	5 G 25	29,0	1200,00	1807,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003367	7 G 25	32,0	1680,00	2830,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003368	3 G 35	26,0	1008,00	1740,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000364	4 G 35	29,1	1344,00	1979,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000381	5 G 35	32,5	1680,00	2485,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000352	3 G 50	30,9	1440,00	2510,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000366	4 G 50	35,5	1920,00	2818,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1001817	5 G 50	39,0	2400,00	3800,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003370	3 G 70	36,0	2016,00	3190,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000369	4 G 70	40,2	2688,00	3952,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1001803	5 G 70	45,0	3360,00	4900,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003372	3 G 95	41,1	2736,00	4510,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000370	4 G 95	44,8	3648,00	5149,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1001801	5 G 95	51,0	4560,00	6600,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003374	3 G 120	45,5	3456,00	5600,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1000360	4 G 120	51,0	4608,00	7200,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1001802	5 G 120	62,0	5760,00	8688,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003375	4 G 150	60,1	5760,00	7800,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003231	4 G 185	62,0	7104,00	8300,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV
1003377	4 G 240	72,0	9216,00	10550,00	grey	V3: ÖPVC-JB/OB 0,6/1 kV