



USE OF CABLE

power, control and connecting cable in electrical facilities, fixed laying and flexible applications without tensile stress and without defined cable routing. Suitable for use in dry, humid and wet rooms. Outdoor use but no laying underground.



SPECIAL FEATURES

- operation voltage 0.6/1 kV
- 4kV testing voltage
- largely resistant to acids, bases and specified types of oil
- UV-proofed PVC outer sheath

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:	Acc. to DIN VDE 0293 black cores with white numerals; G: with GNYE
Stranding:	Stranded in layers
Outer sheath:	PVC
Sheath colour:	Black, RAL 9005
Rated voltage:	U _o /U: 0,6/1 kV
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; +160 °C in case of short-circuit
Burning behavior:	Self-extinguishing & flame-retardant acc.to IEC 60332-1
Standard:	Similar to EN 50525-2-51 with insulationthickness for 1 kV

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003183	2 X 0,5	6,3	9,60	55,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003428	3 G 0,5	6,7	14,40	65,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003184	3 X 0,5	6,7	14,40	65,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003429	4 G 0,5	7,2	19,20	76,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1005329	4 X 0,5	7,2	19,20	76,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003430	5 G 0,5	8,0	24,00	94,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003187	7 G 0,5	8,9	33,60	136,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003432	12 G 0,5	11,4	57,60	197,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1004121	14 G 0,5	12,0	67,20	655,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black

ÖPVC-JZ/OZ 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003433	18 G 0,5	13,8	86,40	280,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003434	25 G 0,5	16,4	120,00	387,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1004237	52 G 0,5	21,7	249,60	732,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003435	2 X 0,75	6,6	14,40	62,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003000	3 G 0,75	7,0	21,60	73,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003055	4 G 0,75	7,6	28,80	89,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003083	5 G 0,75	8,4	36,00	111,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003056	7 G 0,75	9,3	50,40	140,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003057	12 G 0,75	12,3	86,40	240,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003058	18 G 0,75	14,5	130,00	340,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003062	25 G 0,75	17,4	180,00	475,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003763	41 G 0,75	21,6	296,00	713,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001046	2 X 1	7,0	19,20	73,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003002	3 G 1	7,3	28,80	83,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003842	3 X 1	7,3	28,80	83,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002408	4 G 1	8,2	38,40	108,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1004265	4 X 1	8,2	38,40	108,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001972	5 G 1	9,2	48,00	136,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002993	7 G 1	9,9	67,20	166,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1004120	9 G 1	12,3	86,40	236,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001974	12 G 1	13,0	115,00	281,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001975	18 G 1	15,7	173,00	405,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001976	25 G 1	18,8	240,00	554,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003867	34 G 1	21,3	327,00	764,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003750	41 G 1	23,2	394,00	891,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003446	2 X 1,5	8,2	28,80	99,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000537	3 G 1,5	8,6	43,20	110,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000843	3 X 1,5	8,6	43,20	110,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000560	4 G 1,5	9,6	57,60	140,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000846	4 X 1,5	9,6	57,60	140,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000588	5 G 1,5	10,7	72,00	170,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000620	7 G 1,5	11,6	101,00	220,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000854	7 X 1,5	11,6	101,00	220,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002797	10 G 1,5	15,3	144,00	270,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000462	12 G 1,5	15,5	173,00	412,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000860	12 X 1,5	15,5	173,00	412,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1005195	14 G 1,5	16,7	202,00	400,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001856	16 G 1,5	17,3	230,00	389,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black

ÖPVC-JZ/OZ 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1002799	18 G 1,5	18,6	259,00	546,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002592	19 G 1,5	18,6	273,60	563,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001977	25 G 1,5	22,1	360,00	771,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003897	32 G 1,5	25,0	461,00	880,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1004974	34 G 1,5	25,3	490,00	950,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003197	42 G 1,5	27,6	605,00	1235,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003447	2 X 2,5	9,4	48,00	141,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000543	3 G 2,5	10,0	72,00	175,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000870	3 X 2,5	10,0	72,00	175,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000565	4 G 2,5	11,0	96,00	220,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000890	4 X 2,5	11,0	96,00	220,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000594	5 G 2,5	12,5	120,00	251,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000627	7 G 2,5	13,7	168,00	331,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001857	12 G 2,5	18,3	288,00	553,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003073	18 G 2,5	22,0	432,00	788,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003448	25 G 2,5	25,8	600,00	1100,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003449	2 X 4	11,4	76,80	199,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003450	3 G 4	12,3	115,20	230,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000897	4 X 4	13,7	154,00	310,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003063	4 G 4	13,7	154,00	310,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003452	5 G 4	15,2	192,00	400,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003453	7 G 4	16,7	269,00	501,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003454	12 G 4	22,0	461,00	840,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000924	2 X 6	13,0	115,20	283,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003455	3 G 6	14,0	173,00	347,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002798	4 G 6	15,5	230,00	428,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003456	5 G 6	17,3	288,00	583,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003141	7 G 6	19,1	403,00	663,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000929	3 X 10	16,5	288,00	537,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1002796	4 G 10	18,2	384,00	668,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003124	5 G 10	20,4	480,00	820,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003459	7 G 10	22,4	672,00	1050,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000969	4 X 16	21,6	614,00	1109,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003088	4 G 16	21,6	614,00	1109,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003143	5 G 16	24,7	768,00	1616,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003465	7 G 16	26,2	1075,00	1798,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003139	4 G 25	26,4	960,00	1623,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1001589	5 G 25	29,2	1200,00	2075,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black

ÖPVC-JZ/OZ 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003469	7 G 25	32,2	1680,00	2950,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003470	4 G 35	29,1	1344,00	2415,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003471	5 G 35	32,5	1680,00	2890,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003125	4 G 50	35,6	1920,00	3390,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000976	5 G 50	37,9	2400,00	4633,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003126	4 G 70	40,7	2688,00	4320,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000963	5 G 70	45,7	3360,00	5807,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003140	4 G 95	46,2	3648,00	6000,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1000977	5 G 95	52,8	4560,00	7500,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003127	4 G 120	52,0	4608,00	7500,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black
1003737	7 X 1,5	11,6	101,00	222,00	black	V0: ÖPVC-JZ/OZ 0,6/1 kV - schwarz / black

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ribbon Cables / IDC Cables](#) category:

Click to view products by [TKD](#) manufacturer:

Other Similar products are found below :

[AWG28-10G](#) [EHJ4C](#) [cab-LVDV-PWR-10-15](#) [Ribbon Cable, 4 Pin, 350mm](#) [Ribbon Cable, 4 Pin, 700mm](#) [cab-LVDV-DAT-34-15](#) [49635-C62-S2](#) [1-3636-600-5204](#) [ACL-eSSI-2](#) [IDD-04-G](#) [IDD-25-G](#) [3801/09 \(100FT\)](#) [0044716](#) [0044658](#) [0032805](#) [0012842](#) [0012801](#) [0012814](#) [21201](#) [22253](#) [22261](#) [22265](#) [22018](#) [22005](#) [22250](#) [22258](#) [XF-39603003P](#) [XF-20102003P3](#) [XF-10101502P2](#) [XF-12501502P2](#) [XF-25013004P](#) [XF-25013002P](#) [XF-10101504P](#) [XF-12501504P](#) [XF-39603004P4](#) [XF-20102002P2](#) [CL2542320190BC10E](#) [XF-2501L3003P3](#) [XF-39603003P3](#) [XF-12501503P](#) [XF-20162002P](#) [XF-12571503P](#) [XF-12571504P](#) [XF-12571503P3](#) [XF-20162003P3](#) [XF-12571502P2](#) [XF-12571502P](#) [XF-25013003P](#) [XF-25013003P3](#) [XF-20102004P4](#)