



## USE OF CABLE

power, control and connecting cable in electrical facilities for lossless data and signal transmission, 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
- additional mechanical protection by inner sheath
- UV-proofed PVC outer sheath
- EMC compliant shielding

## 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
Inner sheath material:	PVC
Shield3:	Copper braid tinned, coverage approx. 85 %
Outer sheath:	PVC
Sheath colour:	Black, RAL 9005
Rated voltage:	Uo/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:	6 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 <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003016	2 X 0,5	8,1	38,00	117,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003476	3 G 0,5	8,4	45,00	135,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003477	4 G 0,5	9,2	54,00	150,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003478	5 G 0,5	9,9	62,00	173,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000936	5 X 0,5	9,9	62,00	173,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black

# ÖPVC-JZ/OZ-YCY 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003479	7 G 0,5	11,9	76,00	198,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003848	7 X 0,5	11,9	76,00	198,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003480	12 G 0,5	14,4	131,00	313,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1004358	14 G 0,5	15,5	147,00	328,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003481	18 G 0,5	17,0	175,00	408,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000967	18 X 0,5	17,0	175,00	408,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003482	25 G 0,5	20,2	223,00	638,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003483	2 X 0,75	8,5	46,00	135,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003484	3 G 0,75	8,9	56,00	149,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003003	4 G 0,75	9,7	67,00	169,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003008	5 G 0,75	11,0	78,00	197,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003485	7 G 0,75	12,8	97,00	315,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003486	12 G 0,75	15,6	168,00	410,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003487	18 G 0,75	17,7	229,00	560,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1001964	25 G 0,75	21,7	296,00	762,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1001878	2 X 1	9,2	52,00	150,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003199	3 G 1	9,7	66,00	163,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003228	4 G 1	10,6	79,00	198,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003221	5 G 1	12,4	93,00	239,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003198	7 G 1	13,7	117,00	335,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003064	12 G 1	16,4	204,00	522,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003494	18 G 1	19,4	280,00	628,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000940	18 X 1	19,4	280,00	628,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003222	25 G 1	22,6	369,00	855,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003243	2 X 1,5	10,1	69,00	181,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003190	3 G 1,5	11,1	87,00	205,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black

# ÖPVC-JZ/OZ-YCY 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1000942	3 X 1,5	11,1	87,00	205,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003244	4 G 1,5	12,6	102,00	240,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1002834	5 G 1,5	13,5	125,00	286,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003128	7 G 1,5	15,3	180,00	383,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000943	7 X 1,5	15,3	180,00	383,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1001868	12 G 1,5	19,2	281,00	690,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003011	18 G 1,5	22,2	391,00	806,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003883	19 G 1,5	22,8	388,00	749,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003499	25 G 1,5	25,1	518,00	1180,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003884	36 G 1,5	30,0	690,00	1392,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003500	2 X 2,5	11,3	112,00	191,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000686	3 G 2,5	12,7	123,00	298,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003009	4 G 2,5	14,2	168,00	345,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003012	5 G 2,5	15,0	204,00	457,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003501	7 G 2,5	17,5	265,00	561,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003502	12 G 2,5	21,7	421,00	857,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003503	18 G 2,5	25,5	598,00	1053,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003504	25 G 2,5	29,4	848,00	1373,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003505	2 X 4	14,1	120,00	247,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000789	3 G 4	15,1	191,00	391,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000947	3 X 4	14,6	173,10	372,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1001650	4 G 4	16,0	238,00	527,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003507	5 G 4	17,3	302,00	661,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003508	7 G 4	19,0	396,00	828,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000736	2 X 6	16,1	203,00	353,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000955	3 X 6	16,6	238,90	493,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black

# ÖPVC-JZ/OZ-YCY 0,6/1kV BLACK

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003018	4 G 6	17,7	318,00	715,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003195	5 G 6	19,0	419,00	832,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003509	7 G 6	22,1	559,00	1205,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000735	2 X 10	18,4	308,00	492,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003019	4 G 10	21,7	574,00	864,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003510	5 G 10	23,8	714,00	1020,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1001062	2 X 16	20,8	414,00	680,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003010	4 G 16	25,2	809,00	1184,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003506	5 G 16	27,6	1053,00	1402,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003173	4 G 25	29,8	1165,00	1792,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003512	5 G 25	32,7	1446,00	2209,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003104	4 G 35	32,7	1683,00	2495,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003514	5 G 35	38,7	1975,00	2736,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003020	4 G 50	39,6	2368,00	4094,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000973	5 G 50	44,9	2880,00	5118,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003515	4 G 70	46,0	3261,00	5467,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000974	5 G 70	50,4	4032,00	6834,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003516	4 G 95	51,0	4055,00	5849,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1000964	5 G 95	56,5	5264,00	7720,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black
1003517	4 G 120	58,1	5225,00	7509,00	black	V0: ÖPVC-JZ/OZ-YCY 0,6/1 kV - schwarz / black