



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 only with UV-protection, no laying underground.



SPECIAL FEATURES

- 4 kV testing voltage
- largely resistant to acids, bases and specified types of oil
- additional mechanical protection by inner sheath
- recommended for EMC-applications

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:	Transparent
Rated voltage:	Uo/U: 300/500 V
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; +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

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1001093	2 X 0,5	7,0	41,00	70,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000681	3 G 0,5	7,3	46,00	80,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000691	4 G 0,5	7,9	55,00	95,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001966	4 X 0,5	7,9	55,00	95,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000711	5 G 0,5	8,4	66,00	111,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003193	5 X 0,5	8,4	66,00	111,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000720	7 G 0,5	9,1	81,00	140,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1002823	7 X 0,5	9,1	81,00	140,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003762	10 G 0,5	11,2	81,00	170,00	transparent	V0: ÖPVC-JZ/OZ-YCY

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1000659	12 G 0,5	11,5	139,00	217,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001968	12 X 0,5	11,5	139,00	217,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000665	18 G 0,5	13,6	156,00	295,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000671	25 G 0,5	15,3	250,00	384,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000676	30 G 0,5	16,2	297,00	429,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000687	40 G 0,5	18,6	343,00	552,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003895	50 G 0,5	20,9	407,00	740,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001092	2 X 0,75	7,5	46,00	83,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000682	3 G 0,75	7,9	58,00	94,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001099	3 X 0,75	7,9	58,00	94,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000692	4 G 0,75	8,4	64,00	115,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001821	4 X 0,75	8,4	64,00	115,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000712	5 G 0,75	9,1	77,00	136,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001962	5 X 0,75	9,1	77,00	136,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000722	7 G 0,75	9,7	102,00	167,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001582	7 X 0,75	9,7	102,00	167,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000660	12 G 0,75	12,7	177,00	271,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003118	12 X 0,75	12,7	177,00	271,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000666	18 G 0,75	14,6	243,00	365,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001090	18 X 0,75	14,6	243,00	365,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000672	25 G 0,75	17,3	307,00	480,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1004035	32 G 0,75	18,7	330,00	688,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003226	32 X 0,75	18,9	350,00	578,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000677	34 G 0,75	19,3	413,00	614,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001847	40 G 0,75	21,0	481,00	710,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000688	41 G 0,75	21,0	488,00	728,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000707	50 G 0,75	23,0	695,00	884,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001096	2 X 1	7,9	56,00	98,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000683	3 G 1	8,2	65,00	110,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000693	4 G 1	8,8	78,00	130,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000713	5 G 1	9,6	89,00	160,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000723	7 G 1	10,4	113,00	194,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000661	12 G 1	13,6	188,00	330,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001888	16 G 1	14,9	216,00	374,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000667	18 G 1	15,5	286,00	444,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000673	25 G 1	17,9	389,00	560,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000678	34 G 1	20,3	505,00	738,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000689	41 G 1	22,4	578,00	885,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000709	50 G 1	23,6	688,00	1030,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001095	2 X 1,5	8,7	65,00	122,00	transparent	V0: ÖPVC-JZ/OZ-YCY

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1000684	3 G 1,5	9,0	83,00	145,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001100	3 X 1,5	9,0	83,00	145,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000694	4 G 1,5	9,7	100,00	168,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003245	4 X 1,5	9,7	100,00	168,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000714	5 G 1,5	10,6	125,00	205,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000724	7 G 1,5	11,4	196,00	266,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1002824	7 X 1,5	11,4	196,00	266,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000662	12 G 1,5	15,2	280,00	425,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000668	18 G 1,5	17,5	389,00	565,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000674	25 G 1,5	20,5	535,00	850,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000679	34 G 1,5	23,3	702,00	964,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1002324	41 G 1,5	25,2	845,00	1123,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000710	50 G 1,5	27,6	1006,00	1372,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1001196	2 X 2,5	10,0	112,00	170,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000685	3 G 2,5	10,5	146,00	197,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000699	4 G 2,5	11,5	167,00	254,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000717	5 G 2,5	12,5	200,00	302,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000726	7 G 2,5	14,0	288,00	395,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000663	12 G 2,5	18,2	477,00	622,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000669	18 G 2,5	22,4	598,00	958,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000675	25 G 2,5	26,8	848,00	1184,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1002958	2 X 4	11,3	120,00	220,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000702	4 G 4	13,7	237,00	394,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000718	5 G 4	15,4	280,00	445,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000727	7 G 4	16,2	388,00	610,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003417	2 X 6	13,6	180,00	273,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000705	4 G 6	15,8	318,00	485,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000719	5 G 6	17,0	441,00	609,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000728	7 G 6	18,7	530,00	810,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003418	2 X 10	16,7	256,00	510,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000695	4 G 10	19,4	558,00	735,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000715	5 G 10	21,8	714,00	1105,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000725	7 G 10	23,7	850,00	1319,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003419	2 X 16	19,0	390,00	680,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000697	4 G 16	22,6	804,00	1165,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000716	5 G 16	25,2	1053,00	1480,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000700	4 G 25	28,9	1310,00	1720,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1000701	4 G 35	35,6	1610,00	2120,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1003937	5 G 35	36,5	1901,00	2710,00	transparent	V0: ÖPVC-JZ/OZ-YCY
1002783	4 G 50	37,2	2342,00	3200,00	transparent	V0: ÖPVC-JZ/OZ-YCY