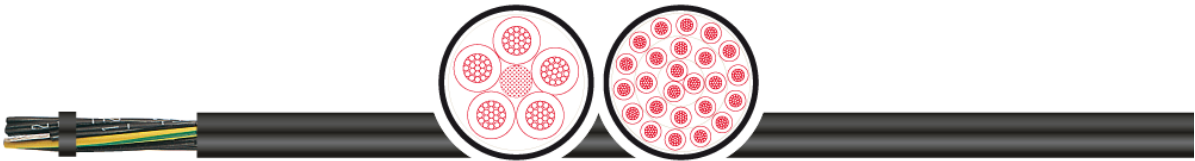




0,6/1kV, unshielded, UV resistant, CPR Eca



APPLICATION

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

PRODUCT DETAILS

DESIGN	
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 material	PVC
Sheath colour	black, RAL 9005

ELECTRICAL PROPERTIES	
Rated voltage AC IEC	U ₀ /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

MECHANICAL & DYNAMIC PROPERTIES	
Min. bending radius fixed	4 x d
Min. bending radius moved	15 x d

THERMAL PROPERTIES	
Operat. temp. fixed min./max. [°C]	-40 °C / +80 °C
Operat. temp. moved min/max [°C]	-15 °C / +70 °C
Temp. at conductor in operation max [°C]	+70 °C in operation; +160 °C in case of short-circuit

PROPERTIES IN CASE OF FIRE	
Burning behavior	self-extinguishing & flame-retardant acc.to IEC 60332-1

STANDARDS & APPROVALS

Standard

similar to EN 50525-2-51 with insulationthickness for 1 kV

ITEM OVERVIEW

ÖPVC-JZ/OZ 0,6/1kV - schwarz / black

Item no. [TKD]	Dimension	Outer-Ø [mm]	Cu Index [kg/km]	Weight [kg/km]
1003183	2 X 0,5	6,3	9,6	55,0
1003428	3 G 0,5	6,7	14,4	65,0
1003184	3 X 0,5	6,7	14,4	65,0
1003429	4 G 0,5	7,2	19,2	76,0
1005329	4 X 0,5	7,2	19,2	76,0
1003430	5 G 0,5	8,0	24,0	94,0
1003187	7 G 0,5	8,9	33,6	136,0
1003432	12 G 0,5	11,4	57,6	197,0
1004121	14 G 0,5	12,0	67,2	655,0
1003433	18 G 0,5	13,8	86,4	280,0
1003434	25 G 0,5	16,4	120,0	387,0
1004237	52 G 0,5	21,7	249,6	732,0
1003435	2 X 0,75	6,6	14,4	62,0
1003000	3 G 0,75	7,0	21,6	73,0
1003055	4 G 0,75	7,6	28,8	89,0
1003083	5 G 0,75	8,4	36,0	111,0
1003056	7 G 0,75	9,3	50,4	140,0
1003057	12 G 0,75	12,3	86,4	240,0
1003058	18 G 0,75	14,5	130,0	340,0
1003062	25 G 0,75	17,4	180,0	475,0
1003763	41 G 0,75	21,6	296,0	713,0
1001046	2 X 1	7,0	19,2	73,0
1003002	3 G 1	7,3	28,8	83,0
1003842	3 X 1	7,3	28,8	83,0
1002408	4 G 1	8,2	38,4	108,0
1004265	4 X 1	8,2	38,4	108,0
1001972	5 G 1	9,2	48,0	136,0
1002993	7 G 1	9,9	67,2	166,0
1004120	9 G 1	12,3	86,4	236,0
1001974	12 G 1	13,0	115,0	281,0
1001975	18 G 1	15,7	173,0	405,0
1001976	25 G 1	18,8	240,0	554,0
1003867	34 G 1	21,3	327,0	764,0
1003750	41 G 1	23,2	394,0	891,0
1003446	2 X 1,5	8,2	28,8	99,0
1000537	3 G 1,5	8,6	43,2	110,0
1000843	3 X 1,5	8,6	43,2	110,0
1000560	4 G 1,5	9,6	57,6	140,0
1000846	4 X 1,5	9,6	57,6	140,0
1000588	5 G 1,5	10,7	72,0	170,0
1000620	7 G 1,5	11,6	101,0	220,0
1000854	7 X 1,5	11,6	101,0	220,0
1002797	10 G 1,5	15,3	144,0	270,0
1000462	12 G 1,5	15,5	173,0	412,0
1000860	12 X 1,5	15,5	173,0	412,0
1005195	14 G 1,5	16,7	202,0	400,0
1001856	16 G 1,5	17,3	230,0	389,0
1002799	18 G 1,5	18,6	259,0	546,0
1002592	19 G 1,5	18,6	273,6	563,0
1001977	25 G 1,5	22,1	360,0	771,0
1003897	32 G 1,5	25,0	461,0	880,0
1004974	34 G 1,5	25,3	490,0	950,0
1003197	42 G 1,5	27,6	605,0	1.235,0
1003447	2 X 2,5	9,4	48,0	141,0
1000543	3 G 2,5	10,0	72,0	175,0
1000870	3 X 2,5	10,0	72,0	175,0
1000565	4 G 2,5	11,0	96,0	220,0
1000890	4 X 2,5	11,0	96,0	220,0
1000594	5 G 2,5	12,5	120,0	251,0
1000627	7 G 2,5	13,7	168,0	331,0
1001857	12 G 2,5	18,3	288,0	553,0
1003073	18 G 2,5	22,0	432,0	788,0
1003448	25 G 2,5	25,8	600,0	1.100,0

ÖPVC-JZ/OZ 0,6/1kV - schwarz / black

Item no. [TKD]	Dimension	Outer-Ø [mm]	Cu Index [kg/km]	Weight [kg/km]
1003449	2 X 4	11,4	76,8	199,0
1003450	3 G 4	12,3	115,2	230,0
1000897	4 X 4	13,7	154,0	310,0
1003063	4 G 4	13,7	154,0	310,0
1003452	5 G 4	15,2	192,0	400,0
1003453	7 G 4	16,7	269,0	501,0
1003454	12 G 4	22,0	461,0	840,0
1000924	2 X 6	13,0	115,2	283,0
1003455	3 G 6	14,0	173,0	347,0
1002798	4 G 6	15,5	230,0	428,0
1003456	5 G 6	17,3	288,0	583,0
1003141	7 G 6	19,1	403,0	663,0
1000929	3 X 10	16,5	288,0	537,0
1002796	4 G 10	18,2	384,0	668,0
1003124	5 G 10	20,4	480,0	820,0
1003459	7 G 10	22,4	672,0	1.050,0
1000969	4 X 16	21,6	614,0	1.109,0
1003088	4 G 16	21,6	614,0	1.109,0
1003143	5 G 16	24,7	768,0	1.616,0
1003465	7 G 16	26,2	1.075,0	1.798,0
1003139	4 G 25	26,4	960,0	1.623,0
1001589	5 G 25	29,2	1.200,0	2.075,0
1003469	7 G 25	32,2	1.680,0	2.950,0
1003470	4 G 35	29,1	1.344,0	2.415,0
1003471	5 G 35	32,5	1.680,0	2.890,0
1003125	4 G 50	35,6	1.920,0	3.390,0
1000976	5 G 50	37,9	2.400,0	4.633,0
1003126	4 G 70	40,7	2.688,0	4.320,0
1000963	5 G 70	45,7	3.360,0	5.807,0
1003140	4 G 95	46,2	3.648,0	6.000,0
1000977	5 G 95	52,8	4.560,0	7.500,0
1003127	4 G 120	52,0	4.608,0	7.500,0
1003737	7 X 1,5	11,6	101,0	222,0