

YSLYQY-JZ



Application

This cables are used as measuring and control cables in tool machinery, plant installation, power stations and in data equipment. The braided screen offers best possible protection against mechanical damage. The galvanized coating on the steel wire braiding not only helps protect against corrosion, but also notably improves the soldering performance. The clear transparent outer sheath gives the cable in addition an optical revaluation.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

Standards

adapted to DIN VDE 0245, 0285-525-2-31, 0293-308, 0295 self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyvinylchlorid compound (PVC)
Core Color	black cores with continuous white numbering according to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimal layer-length
Inner Sheath Material	polyvinylchlorid compound (PVC)
Overall Shielding	mech. Schutz durch Geflecht aus verzinktem Stahldraht
Outer Insulation Material	special PVC
Constant Against	extensively oil resistant

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Technical Data

Nominal Voltage	U ₀ /U: 300 /500 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	4000 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	6
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00903087	OZ	2 x 0,75	transparent - transparent	73,0	9,5
00903088	OZ	2 x 1	transparent - transparent	101,0	9,9
00903089	OZ	2 x 1,5	transparent - transparent	117,0	10,7
00903090	O	2 x 2,5	transparent - transparent	156,0	12,1
00903142	OZ	2 x 4	transparent - transparent	195,0	11,0
00903144	OB	2 x 4	black - black	195,0	11,0
00903001	JZ	3 x 0,5	transparent - transparent	86,0	9,2
00903013	JZ	3 x 0,75	transparent - transparent	86,0	9,8
00903141	JB	3 x 0,75	transparent - transparent	86,0	9,8
00903029	JZ	3 x 1	transparent - transparent	112,0	10,3
00903124	JB	3 x 1	transparent - transparent	112,0	10,3
00903039	JZ	3 x 1,5	transparent - transparent	137,0	11,1
00903113	JB	3 x 1,5	transparent - transparent	137,0	11,1
00903056	JZ	3 x 2,5	transparent - transparent	191,0	12,6
00903115	JB	3 x 2,5	transparent - transparent	191,0	12,6
00903122	JZ	3 x 4	transparent - transparent	270,0	14,0
00903002	JZ	4 x 0,5	transparent - transparent	100,0	9,7
00903015	JZ	4 x 0,75	transparent - transparent	98,0	10,4
00903030	JZ	4 x 1	transparent - transparent	127,0	10,9
00903041	JZ	4 x 1,5	transparent - transparent	167,0	11,8
00903114	JB	4 x 1,5	transparent - transparent	167,0	11,8
00903057	JZ	4 x 2,5	transparent - transparent	224,0	13,5
00903103	JB	4 x 2,5	transparent - transparent	224,0	13,5
00903065	JZ	4 x 4	transparent - transparent	318,0	16,1

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00903112	JB	4 x 4	transparent - transparent	318,0	16,1
00903069	JB	4 x 6	transparent - transparent	440,0	18,8
00903117	JZ	4 x 6	transparent - transparent	440,0	18,8
00903073	JZ	4 x 10	transparent - transparent	699,0	23,2
00903111	JB	4 x 10	transparent - transparent	699,0	23,2
00903077	JZ	4 x 16	transparent - transparent	1.067,0	25,9
00903126	JB	4 x 16	transparent - transparent	1.067,0	25,9
00903080	JZ	4 x 25	transparent - transparent	1.350,0	32,2
00903094	JB	4 x 25	transparent - transparent	1.350,0	32,2
00903082	JZ	4 x 35	transparent - transparent	1.839,0	36,0
00903095	JB	4 x 35	transparent - transparent	1.839,0	36,0
00903100	JB	4 x 50	transparent - transparent	2.605,0	43,0
00903101	JB	4 x 70	transparent - transparent	3.453,0	47,0
00903116	JB	4 x 95	transparent - transparent	4.544,0	59,0
00903003	JZ	5 x 0,5	transparent - transparent	116,0	10,2
00903017	JZ	5 x 0,75	transparent - transparent	130,0	11,0
00903031	JZ	5 x 1	transparent - transparent	153,0	11,6
00903043	JZ	5 x 1,5	transparent - transparent	193,0	12,7
00903059	JZ	5 x 2,5	transparent - transparent	275,0	14,6
00903135	JB	5 x 2,5	transparent - transparent	275,0	14,6
00903067	JZ	5 x 4	transparent - transparent	392,0	17,8
00903134	JB	5 x 4	transparent - transparent	392,0	17,8
00903071	JZ	5 x 6	transparent - transparent	545,0	20,3
00903136	JB	5 x 6	transparent - transparent	545,0	20,3

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00903075	JZ	5 x 10	transparent - transparent	850,0	25,2
00903133	JB	5 x 10	transparent - transparent	850,0	25,2
00903078	JZ	5 x 16	transparent - transparent	1.270,0	29,0
00903132	JB	5 x 16	transparent - transparent	1.270,0	29,0
00903081	JZ	5 x 25	transparent - transparent	1.670,0	36,0
00903128	JB	5 x 25	transparent - transparent	1.670,0	36,0
00903083	JZ	5 x 35	transparent - transparent	2.197,0	39,0
00903120	JB	5 x 35	transparent - transparent	2.197,0	39,0
00903119	JB	5 x 50	transparent - transparent	3.800,0	43,2
00903104	JB	5 x 70	transparent - transparent	5.100,0	52,3
00903004	JZ	7 x 0,5	transparent - transparent	134,0	10,8
00903019	JZ	7 x 0,75	transparent - transparent	168,0	11,7
00903032	JZ	7 x 1	transparent - transparent	188,0	12,3
00903044	JZ	7 x 1,5	transparent - transparent	228,0	13,5
00903060	JZ	7 x 2,5	transparent - transparent	329,0	16,0
00903068	JZ	7 x 4	transparent - transparent	486,0	19,5
00903072	JZ	7 x 6	transparent - transparent	668,0	22,7
00903076	JZ	7 x 10	transparent - transparent	1.000,0	28,5
00903079	JZ	7 x 16	transparent - transparent	1.520,0	31,3
00903123	JZ	8 x 1,5	transparent - transparent	253,0	13,6
00903006	JZ	12 x 0,5	transparent - transparent	204,0	13,0
00903021	JZ	12 x 0,75	transparent - transparent	252,0	14,2
00903033	JZ	12 x 1	transparent - transparent	285,0	15,1
00903047	JZ	12 x 1,5	transparent - transparent	378,0	17,5

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00903062	JZ	12 x 2,5	transparent - transparent	532,0	20,8
00903093	JZ	14 x 1	transparent - transparent	325,0	16,1
00903125	JZ	14 x 1,5	transparent - transparent	428,0	15,7
00903118	JZ	18 x 0,5	transparent - transparent	266,0	13,5
00903022	JZ	18 x 0,75	transparent - transparent	330,0	16,5
00903034	JZ	18 x 1	transparent - transparent	400,0	17,9
00903049	JZ	18 x 1,5	transparent - transparent	480,0	20,3
00903063	JZ	18 x 2,5	transparent - transparent	742,0	24,6
00903023	JZ	21 x 0,75	transparent - transparent	378,0	17,4
00903010	JZ	25 x 0,5	transparent - transparent	345,0	18,5
00903024	JZ	25 x 0,75	transparent - transparent	435,0	19,8
00903035	JZ	25 x 1	transparent - transparent	520,0	21,1
00903051	JZ	25 x 1,5	transparent - transparent	685,0	24,3
00903064	JZ	25 x 2,5	transparent - transparent	1.030,0	29,4
00903037	JZ	34 x 1	transparent - transparent	700,0	23,9
00903053	JZ	34 x 1,5	transparent - transparent	870,0	23,2
00903139	JZ	41 x 1	transparent - transparent	993,0	22,2
00903055	JZ	50 x 1,5	transparent - transparent	1.270,0	31,4
00903129	JZ	61 x 0,5	transparent - transparent	742,0	22,9