

YSLYCY-JZ



Application

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and impulses. An ideal disturbance-free control cable for the above application.

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, 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.

Application

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and impulses. An ideal disturbance-free control cable for the above application.

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, 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	special PVC inner sheath, TM2 to DIN VDE 0281 part 1
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special PVC transparent
Constant Against	extensively oil resistant

Technical Data

Nominal Voltage	U_0/U : 300 /500 V
Nominal Volatage DC	U_0/U : 0 /0
Test Voltage	2500 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Fire Classes	Eca

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	special PVC inner sheath, TM2 to DIN VDE 0281 part 1
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special PVC transparent
Constant Against	extensively oil resistant

Technical Data

Nominal Voltage	U_0/U : 300 /500 V
Nominal Volatage DC	U_0/U : 0 /0
Test Voltage	2500 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °C to 70 °C
Operating Temperature moving	-5 °C to 70 °C
Fire Classes	Eca

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.
00905144	JZ	3 x 0,75	grey - grey	120.0	8.5
00905078	JZ	3 x 0,75	transparent - transparent	120.0	8.5
00905154	JZ	3 x 1	grey - grey	140.0	9.5
00905038	JZ	3 x 1	transparent - transparent	140.0	9.5
00905164	JZ	3 x 1,5	grey - grey	172.0	10.5
00905028	JZ	3 x 1,5	transparent - transparent	172.0	10.5
00905167	JZ	3 x 2,5	grey - grey	230.0	11.5
00905092	JZ	3 x 2,5	transparent - transparent	230.0	11.5
00905088	JZ	3 x 4	transparent - transparent	340.0	12.3
00905108	JZ	3 x 6	transparent - transparent	450.0	15.6
00905145	JZ	4 x 0,5	grey - grey	120.0	7.8
00905083	JZ	4 x 0,5	transparent - transparent	120.0	7.8
00905146	JZ	4 x 0,75	grey - grey	130.0	9.0
00905102	JZ	4 x 0,75	transparent - transparent	130.0	9.0
00905155	JZ	4 x 1	grey - grey	180.0	9.5
00905064	JZ	4 x 1	transparent - transparent	180.0	9.5
00905134	JZ	4 x 1,5	grey - grey	197.0	10.8
00905029	JZ	4 x 1,5	transparent - transparent	197.0	10.8
00905055	JZ	4 x 2,5	grey - grey	300.0	13.1
00905012	JZ	4 x 2,5	transparent - transparent	300.0	13.1
00905076	JZ	4 x 4	grey - grey	410.0	14.0
00905044	JZ	4 x 4	transparent - transparent	410.0	14.0
00905093	JZ	4 x 6	grey - grey	560.0	14.5
00905043	JZ	4 x 6	transparent - transparent	560.0	14.5

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.
00905042	JZ	4 x 10	grey - grey	920.0	21.2
00905077	JZ	4 x 10	transparent - transparent	920.0	21.2
00905175	JZ	4 x 16	grey - grey	1,120.0	24.0
00905041	JZ	4 x 16	transparent - transparent	1,120.0	24.0
00905037	JZ	4 x 25	transparent - transparent	1,994.0	29.0
00905032	JZ	4 x 35	transparent - transparent	2,042.0	32.0
00905058	JZ	4 x 50	transparent - transparent	2,822.0	38.0
00905070	JZ	4 x 70	transparent - transparent	3,802.0	44.0
00905104	JZ	4 x 95	transparent - transparent	5,003.0	50.0
00905120	JZ	5 x 0,5	transparent - transparent	108.0	8.3
00905147	JZ	5 x 0,75	grey - grey	150.0	10.0
00905050	JZ	5 x 0,75	transparent - transparent	150.0	10.0
00905133	JZ	5 x 1	grey - grey	180.0	10.5
00905065	JZ	5 x 1	transparent - transparent	180.0	10.5
00905009	JZ	5 x 1,5	grey - grey	230.0	12.0
00905061	JZ	5 x 1,5	transparent - transparent	230.0	12.0
00905168	JZ	5 x 2,5	grey - grey	320.0	13.5
00905117	JZ	5 x 2,5	transparent - transparent	320.0	13.5
00905128	JZ	5 x 4	grey - grey	502.0	14.8
00905100	JZ	5 x 4	transparent - transparent	502.0	14.8
00905174	JZ	5 x 6	grey - grey	750.0	17.0
00905101	JZ	5 x 6	transparent - transparent	750.0	17.0
00905177	JZ	5 x 10	grey - grey	892.0	22.5
00905176	JZ	5 x 10	transparent - transparent	892.0	22.5

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.
00905178	JZ	5 x 16	grey - grey	1,325.0	25.2
00905071	JZ	5 x 16	transparent - transparent	1,325.0	25.2
00905131	JZ	5 x 25	grey - grey	2,310.0	31.5
00905075	JZ	5 x 35	transparent - transparent	2,885.0	36.4
00905107	JZ	7 x 0,5	transparent - transparent	136.0	9.5
00905148	JZ	7 x 0,75	grey - grey	184.0	10.4
00905095	JZ	7 x 0,75	transparent - transparent	184.0	10.4
00905157	JZ	7 x 1	grey - grey	210.0	12.0
00905066	JZ	7 x 1	transparent - transparent	210.0	12.0
00905143	JZ	7 x 1,5	grey - grey	217.0	10.5
00905047	JZ	7 x 1,5	transparent - transparent	217.0	10.5
00905169	JZ	7 x 2,5	grey - grey	415.0	15.0
00905097	JZ	7 x 2,5	transparent - transparent	415.0	15.0
00905124	JZ	7 x 4	transparent - transparent	650.0	16.5
00905129	JZ	8 x 1,5	transparent - transparent	336.0	12.6
00905121	JZ	12 x 0,5	transparent - transparent	195.0	12.5
00905149	JZ	12 x 0,75	grey - grey	280.0	13.5
00905103	JZ	12 x 0,75	transparent - transparent	280.0	13.5
00905158	JZ	12 x 1	grey - grey	400.0	17.0
00905067	JZ	12 x 1	transparent - transparent	400.0	17.0
00905165	JZ	12 x 1,5	grey - grey	365.0	14.5
00905010	JZ	12 x 1,5	transparent - transparent	365.0	14.5
00905091	JZ	12 x 2,5	grey - grey	856.0	18.5
00905099	JZ	12 x 2,5	transparent - transparent	856.0	18.5

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.
00905123	JZ	18 x 0,5	transparent - transparent	277.0	13.5
00905150	JZ	18 x 0,75	grey - grey	553.0	16.8
00905110	JZ	18 x 0,75	transparent - transparent	553.0	16.8
00905159	JZ	18 x 1	grey - grey	480.0	17.5
00905138	JZ	18 x 1	transparent - transparent	480.0	17.5
00905135	JZ	18 x 1,5	grey - grey	315.0	13.9
00905011	JZ	18 x 1,5	transparent - transparent	315.0	13.9
00905170	JZ	18 x 2,5	grey - grey	1,100.0	22.0
00905109	JZ	18 x 2,5	transparent - transparent	1,100.0	22.0
00905118	JZ	24 x 1	transparent - transparent	640.0	17.4
00905116	JZ	25 x 0,5	transparent - transparent	407.0	15.7
00905151	JZ	25 x 0,75	grey - grey	553.0	17.5
00905111	JZ	25 x 0,75	transparent - transparent	553.0	17.5
00905160	JZ	25 x 1	grey - grey	640.0	17.4
00905119	JZ	25 x 1	transparent - transparent	640.0	17.4
00905136	JZ	25 x 1,5	grey - grey	834.0	22.4
00905005	JZ	25 x 1,5	transparent - transparent	834.0	22.4
00905052	JZ	25 x 2,5	transparent - transparent	1,203.0	23.8
00905112	JZ	34 x 0,75	transparent - transparent	675.0	21.0
00905180	JZ	34 x 1	transparent - transparent	900.0	20.5
00905139	JZ	50 x 1,5	grey - grey	1,660.0	31.5
00905051	JZ	50 x 1,5	transparent - transparent	1,660.0	31.5