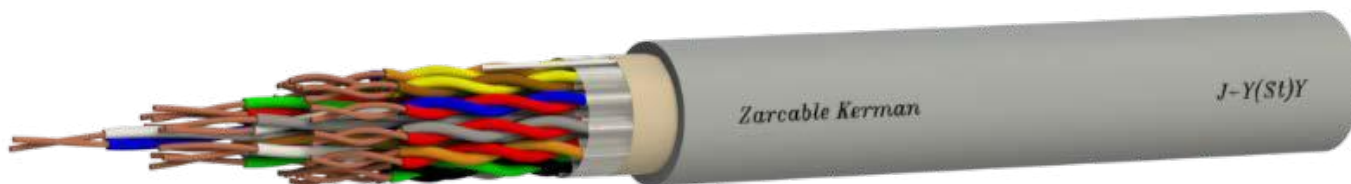


## J-Y(St)Y

CU/PVC/OSC/PVC



Telecommunications installation cable with PVC insulation and sheath and Al-foil screen

### Construction

<b>Conductor:</b>	bare solid copper conductor, of 0.4 ,0.5 , 0,6 or 0,8 mm diameter
<b>Insulation:</b>	PVC-compound of type Y11, acc. to DIN VDE 0207, of 0,2 mm or 0,4 mm thickness, per two conductors are stranded in pair, and pairs are stranded in layers, core colour marking is defined acc. to DIN VDE 0815
<b>Separator:</b>	plastic tape
<b>Electrostatic screen:</b>	AL-PES foil 100 % Coverage
<b>Sheath:</b>	PVC-compound YM1 acc. to DIN VDE 0207 part 5, of thickness conforming with DIN VDE 0815
<b>sheath colour:</b>	For Fire Alarm Cables : RAL 3000 Red; For Indoor Telephone Cables : RAL 7070 Grey



### Technical data

<b>Temperature range:</b>	
During installation :	+5 °C up to +50 °C
fixed installed:	-30 °C up to +70 °C
<b>Operating voltage:</b>	max. 300 V
<b>Nominal voltage:</b>	U <sub>0</sub> /U = 300/500 V
<b>Test voltage:</b>	
	core – core 800 V
	core - screen::
<b>Minimal inner bending radius:</b>	to DIN VDE 0891 part 5 during delivery
	7,5x cable Ø single bending without tension 5x cable Ø repeated bending under tension 7,5x cable Ø
<b>Behavior in fire:</b>	IEC 60332-1
<b>Insulation resistance:</b>	min. 100 MΩ/km
<b>Mutual capacitance:</b>	max. 100 nF/km
<b>Capacitance unbalance:</b>	(at 800 Hz) max. 300 pF/100m

No Conductor diameter	Maximum resistance	Minimum Insulation resistance
mm	Ohm/km	MOhm.km
0.4	153	500
0.5	97.8	
0.6	6.9	
0.8	37.5	

### APPLICATION

Installation cable for transmission of telephone and data (analogue and digital) signals, for fixed installation within dry or damp premises, under or on plaster, also for fixed installation on external walls. Not for direct laying in ground or water, not intended for supply purposes. Electrostatic screen protects transmission circuits against external disturbing electromagnetic impacts.

### DESIGN STANDARDS

**DIN VDE 0815**

## J-Y(St)Y

CU/PVC/OSC/PVC

Code No.	NO of Pairs	External diameter	Sheath thickness	Cable weight	Packing*
		approx. mm	nominal mm	approx. kg/km	
<b>Conductor diameter :0.4mm</b>					
21124	1	3.2	0.7	15	R250
21224	2	4.2	0.7	25	R250
21324	3	4.3	0.7	25	R250
21424	4	4.6	0.7	30	c.100
21524	5	5.0	0.7	35	c.100
21624	6	5.2	0.7	35	c.100
21824	8	5.7	0.7	50	c.100
211024	10	6.3	0.8	60	CUT
211524	15	8.2	1.0	90	CUT
212024	20	9.1	1.0	115	CUT
212524	25	10.2	1.2	140	CUT
213024	30	11.0	1.2	170	CUT
214024	40	12.2	1.2	205	CUT
215024	50	13.4	1.2	250	CUT
216024	60	14.7	1.4	300	CUT
2110024	100	17.5	1.6	460	CUT
2120024	200	23.6	1.8	860	CUT
<b>Conductor diameter :0.5mm</b>					
21125	1	3.6	3.6	20	R250
21225	2	4.7	4.7	25	R250
21325	3	4.9	4.9	35	R250
21425	4	5.4	5.4	40	c.100
21525	5	5.7	5.7	45	c.100
21625	6	6.0	6.0	50	c.100
21825	8	6.6	6.6	65	CUT
211025	10	7.3	7.3	80	CUT
211525	15	8.9	1.0	115	CUT
212025	20	9.9	1.0	145	CUT
212525	25	10.8	1.0	175	CUT
213025	30	12.0	1.2	220	CUT
214025	40	13.4	1.2	275	CUT
215025	50	14.8	1.2	335	CUT
216025	60	16.2	1.4	405	CUT
2110025	100	20.4	1.6	640	CUT
2120025	200	27.9	1.8	1,210	CUT

Code No.	NO of Pairs	External diameter	Sheath thickness	Cable weight	Packing*
		approx. mm	nominal mm	approx. kg/km	
<b>Conductor diameter :0.6 mm</b>					
21126	1	3.8	0.7	20	R250
21226	2	4.0	0.7	30	R250
21326	3	5.4	0.7	40	R250
21426	4	5.7	0.7	45	c.100
21526	5	6.2	0.7	55	c.100
21626	6	6.5	0.7	65	c.100
21826	8	7.1	0.7	80	c.100
211026	10	7.9	0.8	100	CUT
211526	15	9.6	1.0	145	CUT
212026	20	10.7	1.0	185	CUT
212526	25	12.1	1.2	235	CUT
213026	30	13.0	1.2	275	CUT
214026	40	14.6	1.2	350	CUT
215026	50	17.2	1.4	455	CUT
216026	60	17.8	1.4	525	CUT
2110026	100	22.0	1.6	1,009	CUT
2120026	200	30.5	1.8	1,620	CUT
<b>Conductor diameter :0.8 mm</b>					
21128	1	5.6	1.0	40	c.100
21228	2	7.6	1.0	65	c.100
21328	3	7.9	1.0	80	CUT
21428	4	8.6	1.0	100	CUT
21528	5	9.4	1.0	115	CUT
21628	6	9.9	1.0	130	CUT
21828	8	10.9	1.0	165	CUT
211028	10	11.8	1.0	200	CUT
211528	15	14.4	1.2	290	CUT
212028	20	16.1	1.2	365	CUT
212528	25	17.7	1.2	445	CUT
213028	30	19.5	1.4	545	CUT
214028	40	22.3	1.6	715	CUT
215028	50	24.7	1.6	720	CUT
216028	60	26.9	1.6	1,040	CUT

\*) Packing: c.100 = coil 100 m c.250 = coil 250 m CUT = cable in different lengths on drum or reel, possible cutting at required length