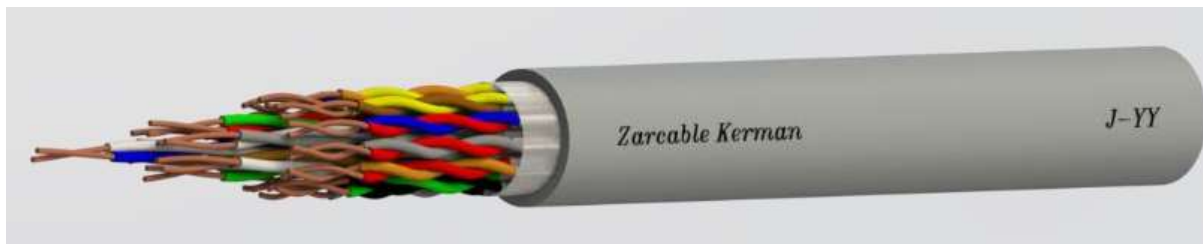


J-YY

CU/PVC/PVC



Telecommunications installation cable with PVC insulation and sheath

Construction

Conductor: solid copper conductor Class I. acc to IEC 60228

Insulation: 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

Separator: plastic tape

Sheath: PVC-compound YM1 acc. to DIN VDE 0207 part 5, of thickness conforming with DIN VDE 0815

sheath colour: grey (RAL 7040),PVC,type YM1

Technical data

Temperature range:

During installation :	+5 °C up to +50 °C
fixed installed:	-30 °C up to +70 °C
Loop resistance:	max. 130 Ohm/km @ 20°C
Operating voltage:	max. 300 V
Nominal voltage:	300 V
Test voltage:	core/core U eff. 800 V

Minimal inner bending radius: 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

Behavior in fire: IEC 60332-1

Insulation resistance:	min. 100 MΩ/km
Mutual capacitance:	max. 100 nF/km
Capacitance unbalance:	(at 800 Hz) max. 3002) pF/100m



APPLICATION

J-YY installation cables are preferably used as telephone cables in telephone stations and sub-extensions, suitable for installation in dry and damp environments in, on and under plaster as well as in the open air for fixed installation on outer walls of buildings. Telephone-Installation cables are not allowed for purposes of high current and power installation.

DESIGN STANDARDS

DIN VDE 0815

J-YY

CU/PVC/PVC

Code No.	number of pairs x conductor diameter	External diameter	Sheath thickness	Cable weight	Packing*
	N x mm ²	approx. mm	nominal mm	approx. kg/km	
Conductor size :0.4 mm					
24124	1 x 2 x 0,4	3.0	0.7	15	R250
24224	2 x 2 x 0,4	3.9	0.7	20	R250
24324	3 x 2 x 0,4	44.1	0.7	30	R250
24424	4 x 2 x 0,4	4.4	0.7	35	c.100
24524	5 x 2 x 0,4	4.7	0.7	35	c.100
24624	6 x 2 x 0,4	5.0	0.7	20	c.100
24824	8 x 2 x 0,4	5.5	0.7	20	c.100
241024	10 x 2 x 0,4	6.1	0.8	60	CUT
Conductor size :0.5 mm					
24125	1 x 2 x 0,5	3.3	0.7	20	R250
24225	2 x 2 x 0,5	4.4	0.7	25	R250
24325	3 x 2 x 0,5	4.7	0.7	30	R250
24425	4 x 2 x 0,5	5.0	0.7	40	c.100
24525	5 x 2 x 0,5	5.5	0.7	45	c.100
24625	6 x 2 x 0,5	5.7	0.7	50	c.100
24825	8 x 2 x 0,5	6.3	0.7	60	c.100
241025	10 x 2 x 0,5	7.0	0.8	75	CUT
Conductor size :0.6 mm					
24126	1 x 2 x 0,6	3.5	0.7	20	R250
24226	2 x 2 x 0,6	4.7	0.7	30	R250
24326	3 x 2 x 0,6	5.0	0.7	40	R250
24426	4 x 2 x 0,6	5.4	0.7	50	c.100
24526	5 x 2 x 0,6	5.9	0.7	55	c.100
24626	6 x 2 x 0,6	6.2	0.7	60	c.100
24826	8 x 2 x 0,6	6.9	0.7	75	c.100
241026	10 x 2 x 0,6	7.6	0.8	95	CUT

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