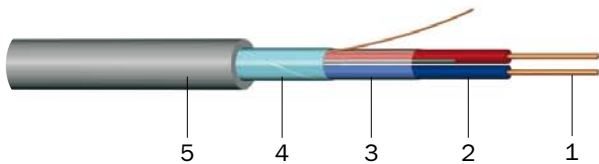


J-Y(St)Y...Lg

Installation cable, screened
Standard: VDE 0815

Usage:

Installation cable for use in telecommunications installations and related installations. Preferably for installation in interior premises but also for fixed installation on exterior walls of buildings. However, not suitable for power installations or direct burial.



Construction:

- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PVC), cores pair stranded, pairs stranded in layers
- 3 Inner covering (plastic tape)
- 4 Screen (plastic laminated aluminium tape with drain wire)
- 5 Sheath (PVC grey)



Rated voltage:

max. 300 Vss (Ø 0.8
 briefly max. 600 Vss)



Test voltage:

core/core 800 Veff
 core/screen 800 Veff



Temperature range:

laying temperature: min. -5 °C
 operating temperature: -30 °C to +70 °C
 conductor temperature: max. +70 °C



Bending radius (min.):

7.5 x Ø of cable



Core identification:

coloured (VDE 0815)



Test certificate:

VDE Germany

Electrical parameters

	(mm)	0.6	0.8
Conductor diameter	(mm)	0.6	0.8
Loop resistance, max.	(Ω/km)	130	73
Insulation resistance, min.	(MΩ.km)	100	100
Mutual capacitance, max. at 800 Hz (until 4 pairs)	(nF/km)	120	120
Mutual capacitance, max. at 800 Hz	(nF/km)	100	100
Capacitance unbalance, max. at 800 Hz (100 % of values)	(pF/100 m)	300	300
Capacitance unbalance, max. at 800 Hz (80 % of values)	(pF/100 m)	500	500

Number of cores x nominal cross section (mm ²)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
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2 x 2 x 0.6	5.2	13	42	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.6	5.9	19	50	100 R, 500 Sp, 1000 Sp
4 x 2 x 0.6	6.9	25	59	100 R, 500 Sp, 1000 Sp
5 x 2 x 0.6	8.0	30	84	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.6	8.5	35	89	100 R, 500 Sp, 1000 Sp
10 x 2 x 0.6	9.5	59	127	500 Sp, 1000 Sp
12 x 2 x 0.6	10.0	71	145	500 Sp, 1000 Sp
16 x 2 x 0.6	12.0	93	198	500 Sp, 1000 Sp
20 x 2 x 0.6	13.7	115	222	500 T, 1000 T
30 x 2 x 0.6	14.6	172	308	500 T, 1000 T

J–Y(St)Y...Lg

Number of cores x nominal cross section (mm ²)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/ packing (m)
J–Y(St)Y...Lg				
40 x 2 x 0.6	17.5	228	383	500 T, 1000 T
50 x 2 x 0.6	19.8	286	489	500 T, 1000 T
60 x 2 x 0.6	21.9	342	574	500 T, 1000 T
100 x 2 x 0.6	25.1	569	899	500 T, 1000 T
1 x 2 x 0.8	5.5	11	38	100 R, 500 Sp, 1000 Sp
2 x 2 x 0.8	7.0	22	60	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.8	8.5	31	84	100 R, 500 Sp, 1000 Sp
4 x 2 x 0.8	9.2	42	102	100 R, 500 Sp, 1000 Sp
5 x 2 x 0.8	10.3	52	132	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.8	11.5	62	155	100 R, 500 Sp, 1000 Sp
10 x 2 x 0.8	12.4	103	206	500 T, 1000 T
12 x 2 x 0.8	14.4	124	257	500 T, 1000 T
16 x 2 x 0.8	16.7	164	339	500 T, 1000 T
20 x 2 x 0.8	17.0	203	365	500 T, 1000 T
30 x 2 x 0.8	20.0	304	561	500 T, 1000 T
40 x 2 x 0.8	24.0	404	751	500 T, 1000 T
50 x 2 x 0.8	26.2	506	909	500 T, 1000 T
60 x 2 x 0.8	30.0	606	1,105	500 T, 1000 T
100 x 2 x 0.8	39.0	1,008	1,750	500 T, 1000 T

Note: construction in groups (Bd) on request
Subject to technical changes.