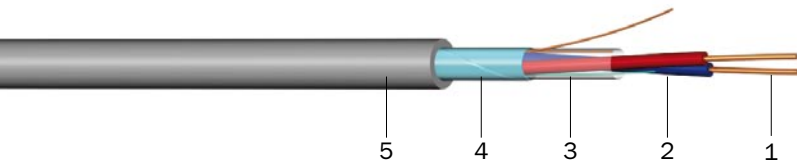


J-Y(St)Y...Lg

Installation cable, screened

DESIGN



- 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)

APPLICATION

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.

TECHNICAL DATA



Standard:
DIN VDE 0815



Rated voltage:
max. 300 V_{ss} (Ø 0.8 briefly max. 600 V_{ss})



Test voltage:
core/core: 800 V/50 Hz
core/screen: 800 V/50 Hz



Temperature range:
laying temperature: min. -5 °C
operating temperature
– fixed: -30 °C up to +70 °C
– in motion: -5 °C up to +50 °C



Bending radius (min.):
7.5 x Ø of cable



Core identification:
DIN VDE 0815



Fire properties:
flame retardant:
EN 60332-1-2



Certificate:
VDE Germany, GOST-R Russia

ELECTRICAL PARAMETERS

Conductor diameter	(mm)	0.6	0.8
Loop resistance, max.	(Ω/km)	130	73.2
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 (80 % of values)	(pF/100 m)	300	300
Capacitance unbalance, max. at 800 Hz (100 % of values)	(pF/100 m)	500	500

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
J-Y(St)Y...Lg			
2 x 2 x 0.6	5.2	45	100 R, 500 Sp, 1,000 Sp
3 x 2 x 0.6	5.9	50	100 R, 500 Sp, 1,000 Sp
4 x 2 x 0.6	6.9	60	100 R, 500 Sp, 1,000 Sp
5 x 2 x 0.6	8.0	85	100 R, 500 Sp, 1,000 Sp
6 x 2 x 0.6	8.5	90	100 R, 500 Sp, 1,000 Sp
10 x 2 x 0.6	9.5	130	500 Sp, 1,000 Sp
12 x 2 x 0.6	10.0	145	500 Sp, 1,000 Sp
16 x 2 x 0.6	12.0	200	500 Sp, 1,000 Sp



J-Y(St)Y...Lg

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
J-Y(St)Y...Lg			
20 x 2 x 0.6	13.7	225	500 D, 1,000 D
30 x 2 x 0.6	14.6	310	500 D, 1,000 D
40 x 2 x 0.6	17.5	385	500 D, 1,000 D
50 x 2 x 0.6	19.8	490	500 D, 1,000 D
60 x 2 x 0.6	21.9	575	500 D, 1,000 D
100 x 2 x 0.6	25.1	900	500 D, 1,000 D
1 x 2 x 0.8	5.5	40	100 R, 500 Sp, 1,000 Sp
2 x 2 x 0.8	7.0	60	100 R, 500 Sp, 1,000 Sp
3 x 2 x 0.8	8.5	85	100 R, 500 Sp, 1,000 Sp
4 x 2 x 0.8	9.2	105	100 R, 500 Sp, 1,000 Sp
5 x 2 x 0.8	10.3	135	100 R, 500 Sp, 1,000 Sp
6 x 2 x 0.8	11.5	155	100 R, 500 Sp, 1,000 Sp
10 x 2 x 0.8	12.4	210	500 D, 1,000 D
12 x 2 x 0.8	14.4	260	500 D, 1,000 D
16 x 2 x 0.8	16.7	340	500 D, 1,000 D
20 x 2 x 0.8	17.0	365	500 D, 1,000 D
30 x 2 x 0.8	20.0	565	500 D, 1,000 D
40 x 2 x 0.8	24.0	755	500 D, 1,000 D
50 x 2 x 0.8	26.2	910	500 D, 1,000 D
60 x 2 x 0.8	30.0	1,110	500 D, 1,000 D
100 x 2 x 0.8	39.0	1,750	500 D, 1,000 D

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