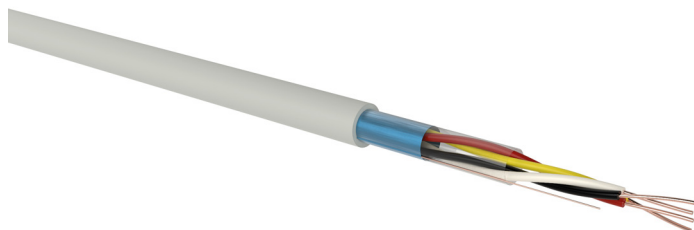


J-Y(St)Y...Lg

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 foil)
- 4 | Screen (plastic laminated aluminium tape with drain wire)
- 5 | Sheath (PVC grey RAL 7001)

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 Vss
(Ø 0.8 mm briefly max. 600 Vss)



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



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C



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



Core identification:
DIN VDE 0815



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}



Certificate:
VDE Germany

ELECTRICAL PARAMETERS

	(mm)	0.6	0.8
Conductor diameter	(mm)	0.6	0.8
Loop resistance, max.	(Ω/km)	130	73.2
Insulation resistance, min. at 20 °C	(MΩ.km)	100	100
Mutual capacitance, max. at 800 Hz (up to 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/100m)	300	300
Capacitance unbalance, max. at 800 Hz (100% of values)	(pF/100m)	500	500

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
J-Y(St)Y...Lg			
2 x 2 x 0.6	5.5	40	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.6	6.3	50	100 R, 500 Sp, 1000 Sp
4 x 2 x 0.6	6.8	60	100 R, 500 Sp, 1000 Sp
5 x 2 x 0.6	7.2	70	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.6	7.5	80	500 Sp, 1000 Sp

J-Y(St)Y...Lg

Installation cable, screened

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
J-Y(St)Y...Lg			
10 x 2 x 0.6	9.0	110	500 Sp, 1000 Sp
12 x 2 x 0.6	9.5	130	500 Sp, 1000 Sp
16 x 2 x 0.6	10.5	160	500 Sp, 1000 Sp
20 x 2 x 0.6	11.0	190	500 D, 1000 D
30 x 2 x 0.6	13.4	285	500 D, 1000 D
40 x 2 x 0.6	17.5	383	500 D, 1000 D
50 x 2 x 0.6	16.0	390	500 D, 1000 D
60 x 2 x 0.6	21.9	574	500 D, 1000 D
100 x 2 x 0.6	21.0	780	500 D, 1000 D
1 x 2 x 0.8	6.0	40	100 R, 500 Sp, 1000 Sp
2 x 2 x 0.8	7.0	60	100 R, 500 Sp, 1000 Sp
3 x 2 x 0.8	8.5	80	100 R, 500 Sp, 1000 Sp
4 x 2 x 0.8	9.0	100	100 R, 500 Sp, 1000 Sp
5 x 2 x 0.8	9.5	120	100 R, 500 Sp, 1000 Sp
6 x 2 x 0.8	10.5	140	100 R, 500 Sp, 1000 Sp
10 x 2 x 0.8	13.0	220	100 R, 500 Sp, 1000 Sp
12 x 2 x 0.8	14.0	250	100 R, 500 Sp, 1000 Sp
16 x 2 x 0.8	15.5	320	500 D, 1000 D
20 x 2 x 0.8	16.5	380	500 D, 1000 D
30 x 2 x 0.8	18.3	570	500 D, 1000 D
40 x 2 x 0.8	24.0	751	500 D, 1000 D
50 x 2 x 0.8	23.0	800	500 D, 1000 D
60 x 2 x 0.8	30.0	1105	500 D, 1000 D
100 x 2 x 0.8	32.0	1600	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

29.8.2022, 12:45