We Make Modern
Life Possible.

TELECOMMUNICATION CABLES

J-Y(St)Y...Lg

Installation cable, screened

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



TECHNICAL DATA

Standard
DIN VDE 0815

Bending radius (min.)
7.5 x Ø of cable

Certificate
VDE Germany

Fire properties
EN 60332-1-2: flame retardant

Test Voltage
800 V (core/core) / 50 Hz

Core identification
DIN VDE 0815

Rated Voltage
max. 300 Vss

Temperature range
Laying temperature: min. -5°C
Fixed installation: -30°C up to 70°C
Flexible use: -5°C up to 50°C

DESIGN



Electrical Parameters			
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 (approx. value), at 800 Hz	nF/km	120	120
Mutual capacitance, max.	nF/km	100	100
Capacitance unbalance, max. k	pF/500m	300	300
Capacitance unbalanced k1 (quad), max. at 800 Hz	pF/km	500	500

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
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
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.



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