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Life Possible

TELECOMMUNICATIONS CABLES

J-Y(St)Y...Lg

Installation cable, screened



TECHNICAL DATA



Standard
DIN VDE 0815



Rated Voltage
max. 300 Vss



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



Bending radius (min.)
7,5 x ϕ of cable



Core identification
DIN VDE 0815



Fire properties
EN 60332-1-2: flame retardant



Certificate
VDE Germany



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



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