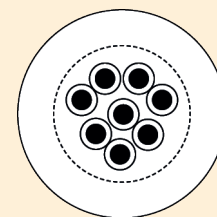
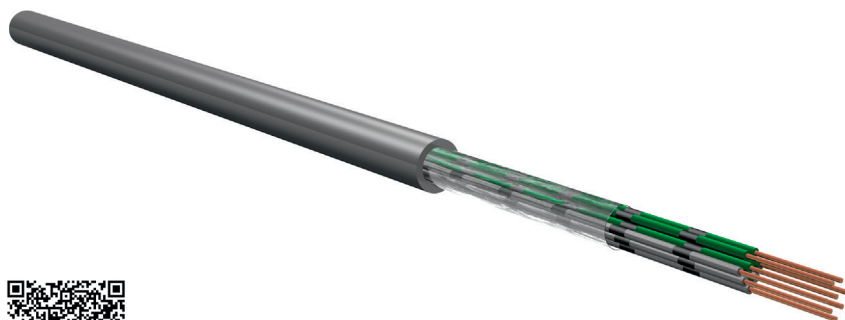


J-YY

Telecommunication cable

RoHS

CROSS SECTION



Acc. to VDE 0815

APPLICATION

The unshielded installation cables for telephone and information processing systems should preferably be used as voice lines for telephone extensions and intercom units for fixed installation in dry and damp operating sites within buildings, on and under plastered surfaces, as well as for fixed laying on buildings' external walls. These installation cables are not authorised for heavy current or underground installation. They are suitable for connecting office communication systems, telephone, fax and burglar alarm systems, operating data recording devices, door intercoms and two-way intercom systems.
Installation advice: when laid, these cables must be unwound from the coil or ring without any twists or kinks.

SPECIAL FEATURES

Properties
Stranded in bundles

Sheath colour
Grey
White on request

STRUCTURE

Conductor	Copper conductor, bare, solid, according to DIN VDE 0815
Cores	PVC insulation, identification according to VDE 0815, 4 cores to one star quad, 5 quads to one bundle, bundle stranded to cable core, core wrapping
Outer sheath	PVC according to VDE 0207 part 5

TECHNICAL DATA

Nominal voltage	300 V
Test voltage	800 V
Loop resistance	130 Ohm/km
Insulation resistance	100 MOhm x km
Operating capacity	At 800 Hz max. 100 nF/km
Min. installation temperature	-5°C
Max. installation temperature	+50°C
Min. bending radius	Repeated bending under tension 7.5 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B acc. to VDE 0472 part 804 and IEC 332-1
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Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Fire load (kWh/m)	Product number
J - YY	2x2x0.6	Grey	11.0	4.8	35	0.11	3151001
J - YY	4x2x0.6	Grey	23.0	6.5	60	0.17	3151002
J - YY	6x2x0.6	Grey	34.0	7.0	75	0.22	3151003
J - YY	10x2x0.6	Grey	57.0	8.3	100	0.28	3151005
J - YY	16x2x0.6	Grey	90.0	10.0	160	0.39	3151006
J - YY	20x2x0.6	Grey	113.0	11.0	200	0.44	3151007
J - YY	24x2x0.6	Grey	136.0	12.0	220	0.50	3151008
J - YY	30x2x0.6	Grey	170.0	13.5	285	0.67	3151009
J - YY	40x2x0.6	Grey	226.0	14.8	360	0.81	3151010
J - YY	50x2x0.6	Grey	283.0	16.1	439	0.94	3151011
J - YY	60x2x0.6	Grey	339.0	17.6	518	1.17	3151012
J - YY	80x2x0.6	Grey	452.0	20.5	685	1.42	3151013
J - YY	100x2x0.6	Grey	565.0	22.5	840	1.69	3151014