

Telecommunication cable J-Y(St)Y ... Lg acc. to VDE 0815



conductor material:	bare copper
conductor construction:	solid, class 1
insulation:	PVC T11
stranding unit:	pair
stranding:	layers
screen over strand:	foil
drain wire:	yes
sheathing material:	PVC TM1
colour of outer sheath:	gray RAL 7032
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
max. operating temperature, fixed:	-30 - +70 °C
temperature, moved/during installation:	-5 - +50 °C
bending radius, fixed installation:	7,5 x DA
insulation resistance:	100 MOhm _x km
coupling K1:	300 pF
core identification:	colours acc. VDE 0815
operating capacity:	100 nF/km
nominal voltage U:	300 V
test voltage:	800 V

Application: For connection of telecommunication units inside of buildings in dry and wet rooms, also outdoors if the cable is protected against direct sun irradiation. Not for use in power circuits!

Stranding: cores twisted into pairs (2-pairs cable stranded as star-quad), pairs stranded in layers

Core identification:
two-pair cable: red, black, white, yellow
More than two-pairs are in continuous sequence: white-blue, white-yellow, white-green, white-brown, white-black

In the 1st pair of each layer there is one red core red in place of the white one.

Russia: TCB
Austria: F-YAY



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data I-Y(St)Y .. Lg

p/n	part-name	DA [mm]	G [kg/km]	CU	p/n	part-name	DA [mm]	G [kg/km]	CU
100001	J-Y(St)Y 01X2X0,6 GR	5	30	7	100017	J-Y(St)Y 10X2X0,6 GR	9	110	58
100003	J-Y(St)Y 02X2X0,6 GR	5,5	35	13	100019	J-Y(St)Y 12X2X0,6 GR	9,5	130	71
100005	J-Y(St)Y 03X2X0,6 GR	6,3	50	18	100021	J-Y(St)Y 14X2X0,6 GR	10	150	82
100007	J-Y(St)Y 04X2X0,6 GR	6,8	55	24	100023	J-Y(St)Y 16X2X0,6 GR	10,5	155	93
100009	J-Y(St)Y 05X2X0,6 GR	7,2	65	30	100025	J-Y(St)Y 20X2X0,6 GR	11	200	116
100011	J-Y(St)Y 06X2X0,6 GR	7,5	75	35	100027	J-Y(St)Y 24X2X0,6 GR	11,5	235	139
100013	J-Y(St)Y 08X2X0,6 GR	8	90	46	100029	J-Y(St)Y 30X2X0,6 GR	13	275	172

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table: technical data I-Y(St)Y .. Lg

p/n	part-name	DA [mm]	G [kg/km]	CU
100031	J-Y(St)Y 40X2X0,6 GR	15	350	229
100033	J-Y(St)Y 50X2X0,6 GR	17	445	286
100035	J-Y(St)Y 60X2X0,6 GR	18	520	342
100037	J-Y(St)Y 80X2X0,6 GR	20,5	675	455
100015	J-Y(St)Y 100X2X0,6 GR	23	870	568
100002	J-Y(St)Y 01X2X0,8 GR	6	40	11
100004	J-Y(St)Y 02X2X0,8 GR	7	55	21
100006	J-Y(St)Y 03X2X0,8 GR	8,5	80	31
100008	J-Y(St)Y 04X2X0,8 GR	9	95	41
100010	J-Y(St)Y 05X2X0,8 GR	9,5	115	52
100012	J-Y(St)Y 06X2X0,8 GR	10,5	130	62
100014	J-Y(St)Y 08X2X0,8 GR	11,5	160	82

p/n	part-name	DA [mm]	G [kg/km]	CU
100018	J-Y(St)Y 10X2X0,8 GR	13	205	102
100020	J-Y(St)Y 12X2X0,8 GR	14	240	123
100022	J-Y(St)Y 14X2X0,8 GR	14,5	280	144
100024	J-Y(St)Y 16X2X0,8 GR	15,5	300	164
100026	J-Y(St)Y 20X2X0,8 GR	16,5	380	204
100028	J-Y(St)Y 24X2X0,8 GR	19	445	244
100030	J-Y(St)Y 30X2X0,8 GR	20	540	304
100032	J-Y(St)Y 40X2X0,8 GR	22,5	710	405
100034	J-Y(St)Y 50X2X0,8 GR	25,5	875	506
100036	J-Y(St)Y 60X2X0,8 GR	28	1085	606
100038	J-Y(St)Y 80X2X0,8 GR	31	1440	807
100016	J-Y(St)Y 100X2X0,8 GR	32	1790	1008