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

conductor material:	bare copper
conductor construction:	solid, class 1
insulation:	PVC TI1
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 MOhmxkm
coupling K1:	300 pF
operating capacity:	100 nF/km
nominal voltage U:	300 V
core identification:	colours acc. VDE 0815

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!

Additional information: Stranding: cores twisted into pairs (2-pairs cable stranded as star-quad), pairs stranded in layersCore 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 1-st pair of each layer tehere is one red core red in place of the white one.

Austria:	F-YAY
Russia:	TCB

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 characteristics I-Y(St)Y .. Lg

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
100001	J-Y(St)Y 01X2X0,6 GR	5	30	7
100003	J-Y(St)Y 02X2X0,6 GR	5,5	35	13
100005	J-Y(St)Y 03X2X0,6 GR	6,3	50	18
100007	J-Y(St)Y 04X2X0,6 GR	6,8	55	24
100009	J-Y(St)Y 05X2X0,6 GR	7,2	65	30
100011	J-Y(St)Y 06X2X0,6 GR	7,5	75	35
100013	J-Y(St)Y 08X2X0,6 GR	8	90	46

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
100017	J-Y(St)Y 10X2X0,6 GR	9	110	58
100019	J-Y(St)Y 12X2X0,6 GR	9,5	130	71
100021	J-Y(St)Y 14X2X0,6 GR	10	150	82
100023	J-Y(St)Y 16X2X0,6 GR	10,5	155	93
100025	J-Y(St)Y 20X2X0,6 GR	11	200	116
100027	J-Y(St)Y 24X2X0,6 GR	11,5	235	139
100029	J-Y(St)Y 30X2X0,6 GR	13	275	172

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
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
100436	J-Y(St)Y 150X2X0,6 GR		1180	850
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
100018	J-Y(St)Y 10X2X0,8 GR	13	205	102

p/n	part name	D_A [mm]	G [kg]	Cu [kg/km]
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

DA	outer diameter
G	weight
Cu	copper