

Telecommunication cable J-YY ... Bd acc. to VDE 0815

faber
kabel



conductor material:	bare copper
conductor construction:	solid, class 1
insulation:	PVC T11
stranding unit:	quads
stranding:	bunches
drain wire:	no
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 \times km
coupling K1:	300 pF
core identification:	colours + rings
operating capacity:	100 nF/km
nominal voltage U:	300 V
test voltage:	800 V
loop resistance:	130 Ohm/km
attenuation at 800 Hz:	1,7 dB/km

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:

4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layers

Core identification:

The star-quads of each bunch are continuous: red, green, grey, yellow, white

The cores within one star-quad are marked by rings:

a-wire 1: without ring

b-wire 1: one ring, wide spaced

a-wire 2: double ring, wide spaced

b-wire 2: double ring, narrow spaced



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-YY

p/n	part-name	DA [mm]	G [kg/km]	CU
100039	J-YY 02X2X0,6 GR	5	30	11
100040	J-YY 04X2X0,6 GR	6,5	50	23
100041	J-YY 06X2X0,6 GR	7	70	34
100042	J-YY 10X2X0,6 GR	8,5	100	57
100149	J-YY 16X2X0,6 GR	9,5	160	90
100150	J-YY 20X2X0,6 GR	11	180	113
100151	J-YY 24X2X0,6 GR	12	220	136

p/n	part-name	DA [mm]	G [kg/km]	CU
100152	J-YY 30X2X0,6 GR	13,5	280	170
100153	J-YY 40X2X0,6 GR	15	360	226
100080	J-YY 50X2X0,6 GR	16,5	440	283
100154	J-YY 60X2X0,6 GR	18,5	520	339
100155	J-YY 80X2X0,6 GR	20	700	452
100066	J-YY 100X2X0,6 GR	22,5	840	565