



conductor material:	bare copper
conductor construction:	solid, class 1
insulation:	polyethylene
stranding unit:	quads
stranding:	bunches
screen over strand:	foil
drain wire:	yes
sheathing material:	PVC
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
impedance:	100 Ohm
insulation resistance:	5000 MOhm \times km
coupling K1:	400 pF
couplinh K9-12:	100 pF

J-2Y(St)Y St III Bd
 52 nF/km
 300 V
 800 V

operating capacity:
nominal voltage U:
test voltage:

Application: For connection of computer units, ISDN-sub-units and -devices and for data transmission. Suitable for transmission of analog- and digital signals up to 16 Mbit/s. For installation in dry and wet rooms.

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.

f, MHz	attenuation, dB/100 m, typical values	NEXT, dB, typical values
1	2,8	
4	4,7	25
10	6,5	25
16	7,8	25
20	8,9	25

table: technical data J-2Y(St)Y St III Bd

Art.- Nr.	part-name	DA [mm]	CU	G [kg/km]
100210	J-2Y(St)Y St III Bd 02X2X0,6 GR	5,5	13	42
100211	J-2Y(St)Y St III Bd 04X2X0,6 GR	7,5	24	66
100212	J-2Y(St)Y St III Bd 06X2X0,6 GR	8,5	35	80
100213	J-2Y(St)Y St III Bd 10X2X0,6 GR	9	58	115
100214	J-2Y(St)Y St III Bd 20X2X0,6 GR	12	116	217
100215	J-2Y(St)Y St III Bd 30X2X0,6 GR	14,5	172	283
100216	J-2Y(St)Y St III Bd 40X2X0,6 GR	16	229	370
100217	J-2Y(St)Y St III Bd 50X2X0,6 GR	18,5	286	434
100218	J-2Y(St)Y St III Bd 60X2X0,6 GR	20	342	526
100219	J-2Y(St)Y St III Bd 80X2X0,6 GR	22,5	455	678
100220	J-2Y(St)Y St III Bd 100X2X0,6 GR	25	568	861

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