

# ISDN cable J-2Y(St)Y ... St III Bd



<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	solid, class 1
<b>insulation:</b>	polyethylene
<b>stranding unit:</b>	quads
<b>stranding:</b>	bunches
<b>screen over strand:</b>	foil
<b>drain wire:</b>	yes
<b>sheathing material:</b>	PVC
<b>colour of outer sheath:</b>	gray RAL 7032
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>max. operating temperature,</b>	-30 - +70 °C
<b>fixed:</b>	
<b>temperature, moved/during</b>	-5 - +50 °C
<b>installation:</b>	
<b>bending radius, fixed</b>	7,5 x DA
<b>installation:</b>	
<b>impedance:</b>	100 Ohm
<b>insulation resistance:</b>	5000 MOhm $\times$ km
<b>coupling K1:</b>	400 pF
<b>couplinh K9-12:</b>	100 pF
<b>operating capacity:</b>	52 nF/km
<b>nominal voltage U:</b>	300 V

**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.

**Additional information:** 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 characteristics J-2Y(St)Y St III Bd

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]	p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
100210	J-2Y(St)Y St III Bd 02X2X0,6 GR	5,5	42	13	100212	J-2Y(St)Y St III Bd 06X2X0,6 GR	8,5	80	35
100211	J-2Y(St)Y St III Bd 04X2X0,6 GR	7,5	66	24	100213	J-2Y(St)Y St III Bd 10X2X0,6 GR	9	115	58

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
100214	J-2Y(St)Y St III Bd 20X2X0,6 GR	12	217	116
100215	J-2Y(St)Y St III Bd 30X2X0,6 GR	14,5	283	172
100216	J-2Y(St)Y St III Bd 40X2X0,6 GR	16	370	229
100217	J-2Y(St)Y St III Bd 50X2X0,6 GR	18,5	434	286

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
100218	J-2Y(St)Y St III Bd 60X2X0,6 GR	20	526	342
100220	J-2Y(St)Y St III Bd 100X2X0,6 GR	25	861	568

DA	outer diameter
G	weight
Cu	copper weight (ger)