

# ISDN cable

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



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

### Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 1 = solid
<b>Insulation:</b>	polyethylene
<b>Stranding unit:</b>	Four strand
<b>Stranding:</b>	Bundle
<b>Screen over strand:</b>	Foil
<b>Drain wire:</b>	yes
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	grey RAL 7032
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Impedance:</b>	100 Ohm
<b>Insulation resistance:</b>	5000 MOhm $\times$ km
<b>Coupling K1:</b>	400 pF
<b>Coupling K9-12:</b>	100 pF



*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.*

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 space
a-wire 2	double ring, wide space
b-wire 2	double ring, narrow spaced

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

**Maximum operating capacity:** 52 nF/km

**peak operating voltage, V:** 300 V

part no.	part name	Ø [mm]	Cu	G [kg]
100210	02X2X0.6	5.5	13	42
100211	04X2X0.6	7.5	24	66
100212	06X2X0.6	8.5	35	80
100213	10X2X0.6	9	58	115
100214	20X2X0.6	12	116	217
100215	30X2X0.6	14.5	172	283
100216	40X2X0.6	16	229	370
100217	50X2X0.6	18.5	286	434
100218	60X2X0.6	20	342	526
100220	100X2X0.6	25	568	861

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000