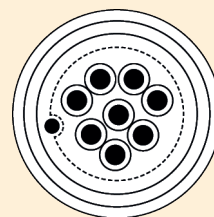
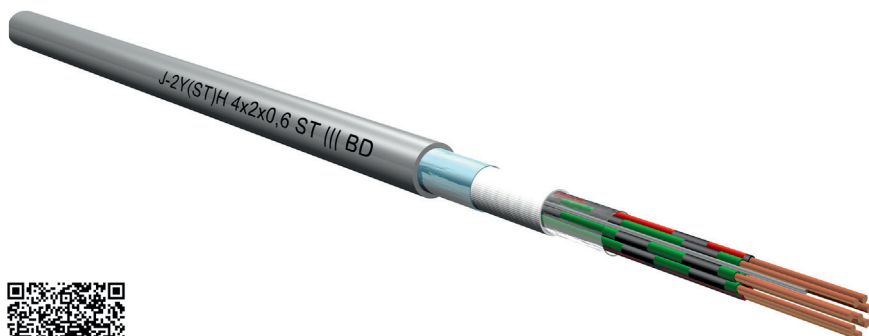


J-2Y(St)H ST III Bd

LSOH ISDN cable

RoHS

CROSS SECTION



APPLICATION

ISDN-compatible data cable with halogen-free outer sheath for the transmission of analogue and digital signals at up to 16 Mbits/sec. It is used, for example, to connect EDP system units or within circuits designed with the highest safety and speed requirements for airfield lighting, ISDN intercommunication systems, systems for recording operating data, access control and time recording systems, industry electronics and alarm systems. Use in dry and damp rooms for fixed installation on and under plastered surfaces.

SPECIAL FEATURES

Properties
Halogen free

STRUCTURE

Conductor	Copper, single-cored, bare, 0.6 mm on the basis of VDE 0815/0816, cores stranded into a star quad
Cores	Polyethylene insulation
Shield	Static shield made from plastic-laminated aluminium foil
Drain wire	Copper drain wire
Outer sheath	Halogen-free polymer HM2

PROPERTIES

Halogen free, flame retardant according to DIN VDE 0472 part 804, test method B, halogen content (corrosiveness of the combustion gases) according to DIN VDE 0472 part 813, minimal smoke density

TECHNICAL DATA

Nominal voltage	300 V
Test voltage	1000 V
Loop resistance	130 Ohm/km
Insulation resistance	> 10 GOhm x km
Operating capacity	At 800 Hz 52 nF/km
Capacitive coupling	At 800 Hz for 300 m k1 < 400 pF
Capacitive coupling	At 800 Hz for 300 m k9-12 100 pF
Operating voltage	225 V
Temperature range	Resting +70°C, moving -5°C to +50°C
Bending radius	7.5 x cable diameter, fixed installation

Product description				Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
J2Y(St)H	2x2x0.6	STIIIBd	Halogen free	13.0	6.0	40	3220101
J2Y(St)H	4x2x0.6	STIIIBd	Halogen free	24.0	8.0	70	3220102
J2Y(St)H	6x2x0.6	STIIIBd	Halogen free	35.0	8.5	85	3220103
J2Y(St)H	10x2x0.6	STIIIBd	Halogen free	58.0	10.5	115	3220104
J2Y(St)H	20x2x0.6	STIIIBd	Halogen free	116.0	12.0	215	3220105
J2Y(St)H	30x2x0.6	STIIIBd	Halogen free	172.0	15.0	200	3220106
J2Y(St)H	40x2x0.6	STIIIBd	Halogen free	229.0	16.5	283	3220107
J2Y(St)H	50x2x0.6	STIIIBd	Halogen free	286.0	18.5	434	3220108
J2Y(St)H	80x2x0.6	STIIIBd	Halogen free	455.0	22.0	680	3220110
J2Y(St)H	100x2x0.6	STIIIBd	Halogen free	568.0	24.5	821	3220111