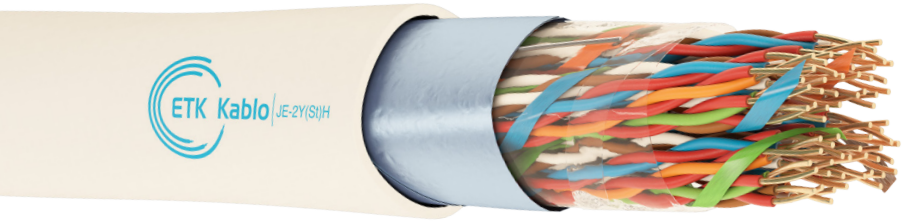
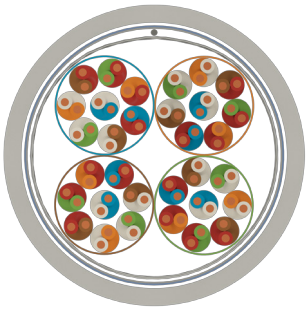
Data/LAN Cables

JE-2Y(St)H xDSL

RoHS REACH CE





Application

· Used in ADSL, VDSL applications at telecommunication networks.
. In places where human life, valuable materials and equipments need to be protected.

Cable Construction

1 - Conductor : Electrolytic solid copper conductor.
2 - Insulation : Solid polyethylene insulation
3 - Stranding : Pair stranding, pairs are stranded into groups.
4 - Wrapping : Polyester tape
5 - Screen : Tinned copper earthing wire, Al/PET tape
6 - Outer Jacket : EN 50290-2-27. UV resistant halogen-free outer jacket. RAL 7035 (Grey)

Technical Characteristics

Conductor Resistance Ω/km	Insulation Resistance MΩxkm (500 V DC)	Mutual Capacitance nF/km	Capacitance Unbalance	Dielectric Strength V	Operating Voltage V	Test Voltage V	Capacitance Unbalance pF/500m	Characteristic Impedance Ω
146	2000	56	%2	1000	250	1200	200	100±10

Mechanical Characteristics

Bending Radius	Temperature Range Operating
10xD mm	-40°C~+70°C

Standards

Smoke Density Test	Corrosive Gas Test	Halogen-free Test	Flame Retardancy Test
IEC 61034-2. VDE 0482-1034-2. EN 61034-2	IEC 60754-2. VDE 0482-267-2-3. EN 50267-2-3	IEC60754-1. VDE 0482-267-2-1. EN 50267-2-1	IEC 60332-1-2. VDE 0482-332-1-2. EN 60332-1-2

Electrical Properties

Frequency MHz	Insertion Loss dB/100m (Max.)	Near-end Crosstalk (NEXT) Loss dB (Min.)	Propagation Delay 5 n/m
1	≤30	≥55	≤6
10	≤100	≥45	≤5.7
16	≤110	≥40	-
20	≤120	≥38	-
30	≤160	≥35	-

JE-2Y(St)H xDSL 26 AWG

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.422.2.1.3.0040.0.0002	2	0.4	3.9	6.2	19	100/500/1000
3.422.2.1.3.0040.0.0004	4	0.4	5.2	11.1	31	100/500/1000
3.422.2.1.3.0040.0.0008	8	0.4	6.9	21	52	100/500/1000
3.422.2.1.3.0040.0.0012	12	0.4	9.4	30.8	77	100/500/1000
3.422.2.1.3.0040.0.0016	16	0.4	11	40.7	96	100/500/1000
3.422.2.1.3.0040.0.0020	20	0.4	12	50.6	116	100/500/1000
3.422.2.1.3.0040.0.0024	24	0.4	13	60.4	139	100/500/1000
3.422.2.1.3.0040.0.0032	32	0.4	14	80.1	171	100/500/1000
3.422.2.1.3.0040.0.0040	40	0.4	15	99.9	207	100/500/1000
3.422.2.1.3.0040.0.0048	48	0.4	16	119.6	243	100/500/1000
3.422.2.1.3.0040.0.0056	56	0.4	17	139.3	277	100/500/1000
3.422.2.1.3.0040.0.0064	64	0.4	18	159	314	100/500/1000
3.422.2.1.3.0040.0.0096	96	0.4	22	237.9	451	100/500/1000

JE-2Y(St)H xDSL 24 AWG

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.422.2.1.3.0051.0.0002	2	0.51	4.3	9.1	25	100/500/1000
3.422.2.1.3.0051.0.0004	4	0.51	5.8	16.9	41	100/500/1000
3.422.2.1.3.0051.0.0008	8	0.51	7.8	32.5	70	100/500/1000
3.422.2.1.3.0051.0.0012	12	0.51	11	48.2	101	100/500/1000
3.422.2.1.3.0051.0.0016	16	0.51	12	63.8	130	100/500/1000
3.422.2.1.3.0051.0.0020	20	0.51	13	79.4	158	100/500/1000
3.422.2.1.3.0051.0.0024	24	0.51	15	95.1	189	100/500/1000
3.422.2.1.3.0051.0.0032	32	0.51	15	126.3	234	100/500/1000
3.422.2.1.3.0051.0.0040	40	0.51	17	157.6	285	100/500/1000
3.422.2.1.3.0051.0.0048	48	0.51	18	188.9	336	100/500/1000
3.422.2.1.3.0051.0.0056	56	0.51	19	220.1	383	100/500/1000
3.422.2.1.3.0051.0.0064	64	0.51	21	251.4	435	100/500/1000
3.422.2.1.3.0051.0.0096	96	0.51	25	376.5	628	100/500/1000