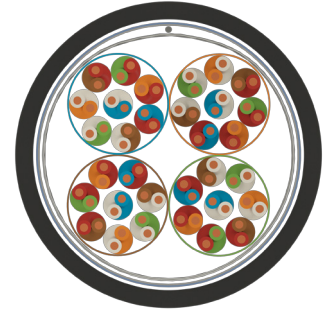
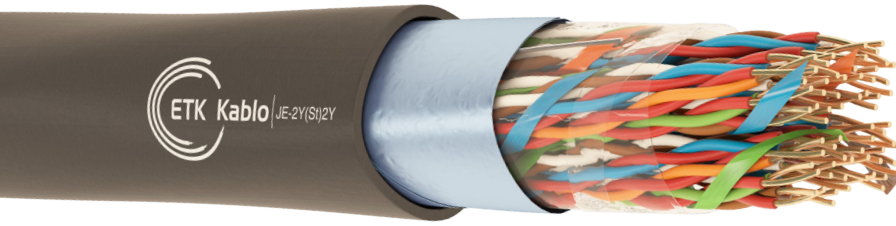


# JE-2Y(S<sup>t</sup>)2Y xDSL



## Application

· Used in ADSL, VDSL applications at telecommunication networks.

## 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 : UV resistant polyethylene outer jacket. RAL 9004 (Black)

## 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	-55°C~+70°C

## 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)2Y-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)
3.422.2.1.1.0040.0.0002	2	0.4	3.9	6.2	16	100/500/1000
3.422.2.1.1.0040.0.0004	4	0.4	5.2	11.1	26	100/500/1000
3.422.2.1.1.0040.0.0008	8	0.4	6.9	21	45	100/500/1000
3.422.2.1.1.0040.0.0012	12	0.4	9.4	30.8	66	100/500/1000
3.422.2.1.1.0040.0.0016	16	0.4	11	40.7	84	100/500/1000
3.422.2.1.1.0040.0.0020	20	0.4	12	50.6	102	100/500/1000
3.422.2.1.1.0040.0.0024	24	0.4	13	60.4	122	100/500/1000
3.422.2.1.1.0040.0.0032	32	0.4	14	80.1	151	100/500/1000
3.422.2.1.1.0040.0.0040	40	0.4	15	99.9	184	100/500/1000
3.422.2.1.1.0040.0.0048	48	0.4	16	119.6	217	100/500/1000
3.422.2.1.1.0040.0.0056	56	0.4	17	139.3	249	100/500/1000
3.422.2.1.1.0040.0.0064	64	0.4	18	159	282	100/500/1000
3.422.2.1.1.0040.0.0096	96	0.4	22	237.9	409	100/500/1000

## JE-2Y(St)2Y-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)
3.422.2.1.1.0051.0.0002	2	0.51	4.3	9.1	21	100/500/1000
3.422.2.1.1.0051.0.0004	4	0.51	5.8	16.9	35	100/500/1000
3.422.2.1.1.0051.0.0008	8	0.51	7.8	32.5	61	100/500/1000
3.422.2.1.1.0051.0.0012	12	0.51	11	48.2	89	100/500/1000
3.422.2.1.1.0051.0.0016	16	0.51	12	63.8	115	100/500/1000
3.422.2.1.1.0051.0.0020	20	0.51	13	79.4	141	100/500/1000
3.422.2.1.1.0051.0.0024	24	0.51	15	95.1	168	100/500/1000
3.422.2.1.1.0051.0.0032	32	0.51	15	126.3	211	100/500/1000
3.422.2.1.1.0051.0.0040	40	0.51	17	157.6	258	100/500/1000
3.422.2.1.1.0051.0.0048	48	0.51	18	188.9	305	100/500/1000
3.422.2.1.1.0051.0.0056	56	0.51	19	220.1	350	100/500/1000
3.422.2.1.1.0051.0.0064	64	0.51	21	251.4	397	100/500/1000
3.422.2.1.1.0051.0.0096	96	0.51	25	376.5	579	100/500/1000