Indoor Telephone Cables

J-Y(St)Y Lg

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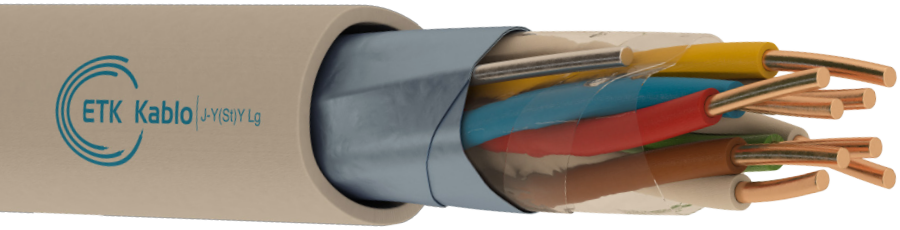

Application

. Feeder cable for frequency controlled motors with electromagnetic interference.
. At instrumentation and control engineering.
. At industrial electronics.
. Computer and office devices.
. Indoor communication systems.
. Indoor sound systems.
. Security systems.

Cable Construction

1 - Conductor : Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228)
2 - Insulation : PVC (VDE 0815) (EN 50290-2-21)
3 - Stranding : Pair stranding in layers
4 - Wrapping : A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically.
5 - Screen : Tinned copper earthing wire, Al/PET tape
6 - Outer Jacket: UV resistant PVC outer jacket. RAL 7035 (Grey) (EN 50290-2-22)

Technical Characteristics

Conductor Diameter	Conductor Resistance Ω/km (20 °C)	Insulation Resistance MΩ/km	Mutual Capacitance nF/km (800 Hz)	Capacitance Unbalance pF/500 m	Test Voltage V (DC. 1 minute)
0.60 mm	64.6	100	100	400	800
0.80 mm	37	100	100	400	800

Mechanical Characteristics

Bending Radius	Temperature Range Operating
10xD mm	-30°C~+70°C

Standards

Flame Retardancy Test
IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2

Notes
Reference Standard: DIN VDE 0815

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Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.640.1.2.2.0060.0.0001	1	0.6	4.1	7.2	21	100/500/1000
3.640.1.2.2.0060.0.0002	2	0.6	4.7	12.5	31	100/500/1000
3.640.1.2.2.0060.0.0003	3	0.6	6.1	17.8	45	100/500/1000
3.640.1.2.2.0060.0.0004	4	0.6	7.2	23.1	57	100/500/1000
3.640.1.2.2.0060.0.0005	5	0.6	7.5	28.4	67	100/500/1000
3.640.1.2.2.0060.0.0006	6	0.6	9.1	33.7	82	100/500/1000
3.640.1.2.2.0060.0.0008	8	0.6	9.3	44.3	98	100/500/1000
3.640.1.2.2.0060.0.0010	10	0.6	9.7	54.9	116	100/500/1000
3.640.1.2.2.0060.0.0012	12	0.6	11	65.6	134	100/500/1000
3.640.1.2.2.0060.0.0014	14	0.6	12	76.2	157	100/500/1000
3.640.1.2.2.0060.0.0016	16	0.6	12	86.8	175	100/500/1000
3.640.1.2.2.0060.0.0020	20	0.6	14	108	211	100/500/1000
3.640.1.2.2.0060.0.0024	24	0.6	15	129.2	251	100/500/1000
3.640.1.2.2.0060.0.0025	25	0.6	15	134.5	260	100/500/1000
3.640.1.2.2.0060.0.0030	30	0.6	19	161.1	329	100/500/1000
3.640.1.2.2.0060.0.0040	40	0.6	21	214.1	415	100/500/1000
3.640.1.2.2.0060.0.0050	50	0.6	23	267.2	502	100/500/1000
3.640.1.2.2.0060.0.0060	60	0.6	26	320.2	601	100/500/1000
3.640.1.2.2.0060.0.0080	80	0.6	29	426.3	768	100/500/1000
3.640.1.2.2.0060.0.0100	100	0.6	33	532.4	956	100/500/1000
Part Number	**Pair Count**	**Conductor Diameter (mm)**	**Approx. Cable Diameter (mm)**	**Copper Weight (kg/km)**	**Approx. Weight (kg/km)**	**Packing Lengths (m)**
3.640.1.2.2.0080.0.0001	1	0.8	4.6	11.3	28	100/500/1000
3.640.1.2.2.0080.0.0002	2	0.8	5.3	20.7	43	100/500/1000
3.640.1.2.2.0080.0.0003	3	0.8	6.9	30.2	63	100/500/1000
3.640.1.2.2.0080.0.0004	4	0.8	8.1	39.6	80	100/500/1000
3.640.1.2.2.0080.0.0005	5	0.8	8.6	49.1	96	100/500/1000
3.640.1.2.2.0080.0.0006	6	0.8	11	58.5	116	100/500/1000
3.640.1.2.2.0080.0.0008	8	0.8	11	77.3	141	100/500/1000
3.640.1.2.2.0080.0.0010	10	0.8	12	96.2	169	100/500/1000
3.640.1.2.2.0080.0.0012	12	0.8	12	115.1	197	100/500/1000
3.640.1.2.2.0080.0.0014	14	0.8	13	133.9	228	100/500/1000
3.640.1.2.2.0080.0.0016	16	0.8	14	152.8	255	100/500/1000
3.640.1.2.2.0080.0.0020	20	0.8	16	190.5	311	100/500/1000
3.640.1.2.2.0080.0.0024	24	0.8	17	228.3	370	100/500/1000
3.640.1.2.2.0080.0.0025	25	0.8	17	237.7	384	100/500/1000
3.640.1.2.2.0080.0.0030	30	0.8	22	284.8	470	100/500/1000
3.640.1.2.2.0080.0.0040	40	0.8	24	379.2	613	100/500/1000
3.640.1.2.2.0080.0.0050	50	0.8	27	473.5	748	100/500/1000
3.640.1.2.2.0080.0.0060	60	0.8	29	567.8	896	100/500/1000
3.640.1.2.2.0080.0.0080	80	0.8	33	756.4	1156	100/500/1000
3.640.1.2.2.0080.0.0100	100	0.8	37	945.1	1423	100/500/1000