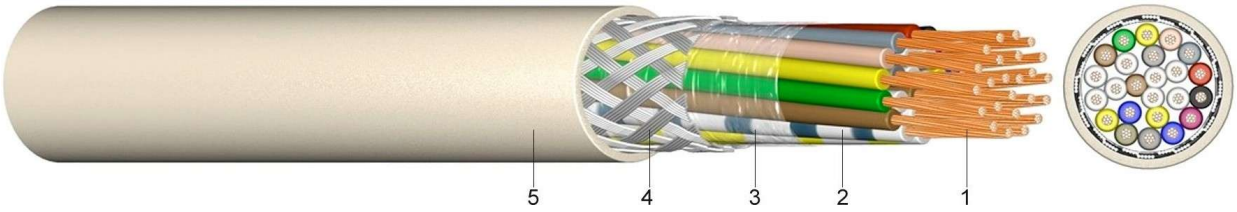
LIYY , LIY(St)Y, LIYCY

Cabluri pentru transmitere date | Data transmission cables



Constructie

1. Conductor de cupru multifilar
2. Izolatie din PVC
3. Conductorii rasuciti in straturi
4. Ecran din folie AluPet cu fir de continuitate, sau tresa din sarme de cupru cositorite(grad de acoperire 80%)
5. Manta exterioara din PVC

Construction

1. Stranded copper conductor
2. PVC insulation
3. Cores twisted by layers
4. Screen of AluPet foil and drain wire, or tinned copper wires (80 % coverage grade)
5. PVC sheath

Specificatia tehnica

Tensiunea nominala: 250 V
Tensiunea de incercare: 1.5 kV
Raza de curbura: min. 15 x D
Temperatura de lucru: –5 °C up to +80 °C
Standard de fabricatie: VDE 812
Identificare conductori conf. DIN 47100
Culoarea mantalei: gri (RAL 7000)
Utilizare: pentru transmiterea de date, a semnalelor digitale sau analogice, pentru instrumente de masura, interconectarea calculatoarelor, dispozitivelor electronice,etc.
Ambalare: colaci de 100 mts sau tamburi drums de 500 mts osau1 000 mts

Technical specification

Rated voltage: 250 V
Test voltage: 1.5 kV
Bending radius: min. 15 x D
Perm. operating temperature: –5 °C up to +80 °C
Manufacturing according to: VDE 812
Core identification acc. to DIN 47100
Colour of sheath: grey (RAL 7000)
Use: Screened flexible cable for data transmission, transmission of analogue or digital signals, for measuring instruments in places with electrical noise, inter-connection of computers, electronic devices,etc.
Standard packing: coils of 100 mts or drums of 500 mts or 1 000 mts

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
LIYY					
2X0.25	0.5	0.8	5.1	27	85.0000
2X0.5	0.5	0.8	5.7	35	36.0000
2X0.75	0.5	0.8	6.1	42	24.5000
2X1	0.5	0.8	6.5	49	18.1000
3X0.25	0.5	0.8	5.4	34	85.0000
3X0.5	0.5	0.8	6.0	44	36.0000
3X0.75	0.5	0.8	6.4	54	24.5000
3X1	0.5	0.8	6.8	64	18.1000
4X0.25	0.5	0.8	5.8	41	85.0000
4X0.5	0.5	0.8	6.5	54	36.0000

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
4X0.75	0.5	0.8	7.0	66	24.5000
4X1	0.5	0.8	7.4	79	18.1000
5X0.25	0.5	0.8	6.3	48	85.0000
5X0.5	0.5	0.8	7.0	64	36.0000
5X0.75	0.5	0.8	7.6	79	24.5000
5X1	0.5	0.8	8.1	95	18.1000
6X0.25	0.5	0.8	6.8	55	85.0000
6X0.5	0.5	0.8	7.6	75	36.0000
6X0.75	0.5	0.8	8.3	92	24.5000
6X1	0.5	0.8	8.8	111	18.1000
7X0.25	0.5	0.8	6.8	60	85.0000
7X0.5	0.5	0.8	7.6	83	36.0000
7X0.75	0.5	0.8	8.3	103	24.5000
7X1	0.5	0.8	8.8	124	18.1000
8X0.25	0.5	0.8	8.1	71	85.0000
8X0.5	0.5	0.8	9.2	97	36.0000
8X0.75	0.5	0.8	10.0	120	24.5000
8X1	0.5	0.8	10.7	145	18.1000
10X0.25	0.5	0.8	8.1	81	85.0000
10X0.5	0.5	0.8	9.2	113	36.0000
10X0.75	0.5	0.8	10.0	141	24.5000
10X1	0.5	0.8	10.7	172	18.1000
12X0.25	0.5	0.8	8.1	92	85.0000
12X0.5	0.5	0.8	9.2	129	36.0000
12X0.75	0.5	0.8	10.0	162	24.5000
12X1	0.5	0.8	10.7	198	18.1000
14X0.25	0.5	0.8	9.6	108	85.0000
14X0.5	0.5	0.8	10.9	151	36.0000
14X0.75	0.5	0.8	12.0	191	24.5000
14X1	0.5	0.8	12.8	233	18.1000
16X0.25	0.5	0.8	9.6	119	
16X0.5	0.5	0.8	10.9	167	36.0000
16X0.75	0.5	0.8	12.0	212	24.5000
16X1	0.5	0.8	12.8	260	18.1000
19X0.25	0.5	0.8	10.1	136	
19X0.5	0.5	0.8	11.5	193	36.0000
19X0.75	0.5	0.8	12.6	246	24.5000
19X1	0.5	0.8	13.5	302	18.1000
24X0.25	0.5	0.8	11.8	169	
24X0.5	0.5	0.8	13.5	241	36.0000
24X0.75	0.5	0.8	14.8	307	24.5000
24X1	0.5	0.8	15.9	378	18.1000
27X0.25	0.5	0.8	12.1	186	
27X0.5	0.5	0.8	13.8	266	36.0000
27X0.75	0.5	0.8	15.1	340	24.5000
27X1	0.5	0.8	16.2	419	18.1000
30X0.25	0.5	0.8	12.5	203	85.0000
30X0.5	0.5	0.8	14.3	292	36.0000
30X0.75	0.5	0.8	15.7	374	24.5000

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
30X1	0.5	0.8	16.8	461	18.1000
37X0.25	0.5	0.8	13.5	244	85.0000
37X0.5	0.5	0.8	15.4	352	36.0000
37X0.75	0.5	0.8	17.0	453	24.5000
37X1	0.5	0.8	18.2	559	18.1000
40X0.25	0.5	0.8	6.8	233	85.0000
40X0.5	0.5	0.8	7.6	345	36.0000
40X0.75	0.5	0.8	8.3	450	24.5000
40X1	0.5	0.8	8.8	562	18.1000
44X0.25	0.5	0.8	15.2	287	85.0000
44X0.5	0.5	0.8	17.4	416	36.0000
44X0.75	0.5	0.8	19.1	535	24.5000
44X1	0.5	0.8	20.6	662	18.1000
52X0.25	0.5	0.8	15.8	332	85.0000
52X0.5	0.5	0.8	18.2	482	36.0000
52X0.75	0.5	0.8	20.0	622	24.5000
52X1	0.5	0.8	21.5	771	18.1000
61X0.25	0.5	0.8	16.8	383	85.0000
61X0.5	0.5	0.8	19.4	559	36.0000
61X0.75	0.5	0.8	21.3	722	24.5000
61X1	0.5	0.8	22.9	896	18.1000
LIY(St)Y					
2X0.25	0.5	0.8	5.1	29	85.0000
2X0.5	0.5	0.8	5.7	37	36.0000
2X0.75	0.5	0.8	6.1	44	24.5000
2X1	0.5	0.8	6.5	51	18.1000
3X0.25	0.5	0.8	5.4	36	85.0000
3X0.5	0.5	0.8	6.0	46	36.0000
3X0.75	0.5	0.8	6.4	56	24.5000
3X1	0.5	0.8	6.8	66	18.1000
4X0.25	0.5	0.8	5.8	43	85.0000
4X0.5	0.5	0.8	6.5	56	36.0000
4X0.75	0.5	0.8	7.0	69	24.5000
4X1	0.5	0.8	7.4	82	18.1000
5X0.25	0.5	0.8	6.3	50	85.0000
5X0.5	0.5	0.8	7.0	67	36.0000
5X0.75	0.5	0.8	7.6	82	24.5000
5X1	0.5	0.8	8.1	98	18.1000
6X0.25	0.5	0.8	6.8	57	85.0000
6X0.5	0.5	0.8	7.6	77	36.0000
6X0.75	0.5	0.8	8.3	95	24.5000
6X1	0.5	0.8	8.8	114	18.1000
7X0.25	0.5	0.8	6.8	63	85.0000
7X0.5	0.5	0.8	7.6	85	36.0000
7X0.75	0.5	0.8	8.3	106	24.5000
7X1	0.5	0.8	8.8	127	18.1000
8X0.25	0.5	0.8	8.1	73	85.0000
8X0.5	0.5	0.8	9.2	100	36.0000
8X0.75	0.5	0.8	10.0	123	24.5000

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
8X1	0.5	0.8	10.7	148	18.1000
10X0.25	0.5	0.8	8.1	84	85.0000
10X0.5	0.5	0.8	9.2	115	36.0000
10X0.75	0.5	0.8	10.0	144	24.5000
10X1	0.5	0.8	10.7	175	18.1000
12X0.25	0.5	0.8	8.1	94	85.0000
12X0.5	0.5	0.8	9.2	131	36.0000
12X0.75	0.5	0.8	10.0	165	24.5000
12X1	0.5	0.8	10.7	201	18.1000
14X0.25	0.5	0.8	9.6	111	85.0000
14X0.5	0.5	0.8	10.9	155	36.0000
14X0.75	0.5	0.8	12.0	195	24.5000
14X1	0.5	0.8	12.8	237	18.1000
16X0.25	0.5	0.8	9.6	122	85.0000
16X0.5	0.5	0.8	10.9	171	36.0000
16X0.75	0.5	0.8	12.0	216	24.5000
16X1	0.5	0.8	12.8	263	18.1000
19X0.25	0.5	0.8	10.1	139	85.0000
19X0.5	0.5	0.8	11.5	197	36.0000
19X0.75	0.5	0.8	12.6	250	24.5000
19X1	0.5	0.8	13.5	306	18.1000
24X0.25	0.5	0.8	11.8	173	85.0000
24X0.5	0.5	0.8	13.5	245	36.0000
24X0.75	0.5	0.8	14.8	311	24.5000
24X1	0.5	0.8	15.9	382	18.1000
27X0.25	0.5	0.8	12.1	189	85.0000
27X0.5	0.5	0.8	13.8	270	36.0000
27X0.75	0.5	0.8	15.1	344	24.5000
27X1	0.5	0.8	16.2	423	18.1000
30X0.25	0.5	0.8	12.5	207	85.0000
30X0.5	0.5	0.8	14.3	296	36.0000
30X0.75	0.5	0.8	15.7	378	24.5000
30X1	0.5	0.8	16.8	466	18.1000
37X0.25	0.5	0.8	13.5	248	85.0000
37X0.5	0.5	0.8	15.4	357	36.0000
37X0.75	0.5	0.8	17.0	457	24.5000
37X1	0.5	0.8	18.2	564	18.1000
40X0.25	0.5	0.8	6.8	236	85.0000
40X0.5	0.5	0.8	7.6	348	36.0000
40X0.75	0.5	0.8	8.3	452	24.5000
40X1	0.5	0.8	8.8	565	18.1000
44X0.25	0.5	0.8	15.2	292	85.0000
44X0.5	0.5	0.8	17.4	420	36.0000
44X0.75	0.5	0.8	19.1	540	24.5000
44X1	0.5	0.8	20.6	667	18.1000
52X0.25	0.5	0.8	15.8	336	85.0000
52X0.5	0.5	0.8	18.2	487	36.0000
52X0.75	0.5	0.8	20.0	628	24.5000
52X1	0.5	0.8	21.5	777	18.1000

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
61X0.25	0.5	0.8	16.8	388	85.0000
61X0.5	0.5	0.8	19.4	564	36.0000
61X0.75	0.5	0.8	21.3	728	24.5000
61X1	0.5	0.8	22.9	902	18.1000
LIYCY					
2X0.25	0.5	0.8	5.9	36	85.0000
2X0.5	0.5	0.8	6.5	44	36.0000
2X0.75	0.5	0.8	6.9	51	24.5000
2X1	0.5	0.8	7.3	58	18.1000
3X0.25	0.5	0.8	6.2	43	85.0000
3X0.5	0.5	0.8	6.8	53	36.0000
3X0.75	0.5	0.8	7.2	63	24.5000
3X1	0.5	0.8	7.6	73	18.1000
4X0.25	0.5	0.8	6.6	50	85.0000
4X0.5	0.5	0.8	7.3	63	36.0000
4X0.75	0.5	0.8	7.8	76	24.5000
4X1	0.5	0.8	8.2	89	18.1000
5X0.25	0.5	0.8	7.1	57	85.0000
5X0.5	0.5	0.8	7.8	74	36.0000
5X0.75	0.5	0.8	8.4	89	24.5000
5X1	0.5	0.8	8.9	105	18.1000
6X0.25	0.5	0.8	7.6	64	85.0000
6X0.5	0.5	0.8	8.4	84	36.0000
6X0.75	0.5	0.8	9.1	102	24.5000
6X1	0.5	0.8	9.6	121	18.1000
7X0.25	0.5	0.8	7.6	70	85.0000
7X0.5	0.5	0.8	8.4	92	36.0000
7X0.75	0.5	0.8	9.1	113	24.5000
7X1	0.5	0.8	9.6	134	18.1000
8X0.25	0.5	0.8	8.9	80	85.0000
8X0.5	0.5	0.8	10.0	106	36.0000
8X0.75	0.5	0.8	10.8	130	24.5000
8X1	0.5	0.8	11.5	155	18.1000
10X0.25	0.5	0.8	8.9	91	85.0000
10X0.5	0.5	0.8	10.0	122	36.0000
10X0.75	0.5	0.8	10.8	151	24.5000
10X1	0.5	0.8	11.5	182	18.1000
12X0.25	0.5	0.8	8.9	101	85.0000
12X0.5	0.5	0.8	10.0	138	36.0000
12X0.75	0.5	0.8	10.8	172	24.5000
12X1	0.5	0.8	11.5	208	18.1000
14X0.25	0.5	0.8	10.4	118	85.0000
14X0.5	0.5	0.8	11.7	162	36.0000
14X0.75	0.5	0.8	12.8	201	24.5000
14X1	0.5	0.8	13.6	243	18.1000
16X0.25	0.5	0.8	10.4	129	85.0000
16X0.5	0.5	0.8	11.7	177	36.0000
16X0.75	0.5	0.8	12.8	222	24.5000
16X1	0.5	0.8	13.6	270	18.1000

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
19X0.25	0.5	0.8	10.9	146	85.0000
19X0.5	0.5	0.8	12.3	204	36.0000
19X0.75	0.5	0.8	13.4	257	24.5000
19X1	0.5	0.8	14.3	313	18.1000
24X0.25	0.5	0.8	12.6	180	85.0000
24X0.5	0.5	0.8	14.3	252	36.0000
24X0.75	0.5	0.8	15.6	318	24.5000
24X1	0.5	0.8	16.7	389	18.1000
27X0.25	0.5	0.8	12.9	196	85.0000
27X0.5	0.5	0.8	14.6	277	36.0000
27X0.75	0.5	0.8	15.9	351	24.5000
27X1	0.5	0.8	17.0	430	18.1000
30X0.25	0.5	0.8	13.3	214	85.0000
30X0.5	0.5	0.8	15.1	303	36.0000
30X0.75	0.5	0.8	16.5	385	24.5000
30X1	0.5	0.8	17.6	472	18.1000
37X0.25	0.5	0.8	14.3	255	85.0000
37X0.5	0.5	0.8	16.2	363	36.0000
37X0.75	0.5	0.8	17.8	464	24.5000
37X1	0.5	0.8	19.0	571	18.1000
40X0.25	0.5	0.8	7.6	243	85.0000
40X0.5	0.5	0.8	8.4	355	36.0000
40X0.75	0.5	0.8	9.1	459	24.5000
40X1	0.5	0.8	9.6	572	18.1000
44X0.25	0.5	0.8	16.0	298	85.0000
44X0.5	0.5	0.8	18.2	427	36.0000
44X0.75	0.5	0.8	19.9	546	24.5000
44X1	0.5	0.8	21.4	674	18.1000
52X0.25	0.5	0.8	16.6	343	85.0000
52X0.5	0.5	0.8	19.0	494	36.0000
52X0.75	0.5	0.8	20.8	634	24.5000
52X1	0.5	0.8	22.3	784	18.1000
61X0.25	0.5	0.8	17.6	394	85.0000
61X0.5	0.5	0.8	20.2	570	36.0000
61X0.75	0.5	0.8	22.1	734	24.5000
61X1	0.5	0.8	23.7	909	18.1000