

# Flexible Cables

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Cable Solutions for Industries

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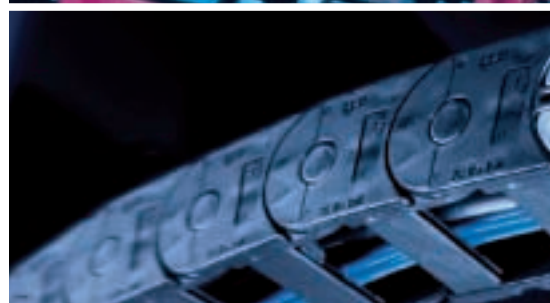
**LEONI**

Wire • Cable • Wiring Systems

## LEONI Special Cables

LEONI Special Cables stands for many years of experience and innovation within the field of cables and cable systems. Our catalogues give you an overview of the variety of cables we offer. You can find the most frequently used types ranging from insulated wires and strands to coaxial cables and cable assemblies.

In addition we develop and manufacture many more cable varieties than can be shown in our brochures. Please contact us if you are looking for a product to suit your special application. Together we design your cable solution.



**Cable Solutions for Industries**

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# Flexible cables for telecommunications and information processing

## PVC insulation

Design according to DIN 47414

Type: LIYY 10x2x0.14 GR

Order No.: D47414-A1021



## Application

These cables are commonly used to connect moving devices within information processing installations.

The cables are suitable for moderate stress in dry or moist rooms.

## Construction

In accordance with DIN 47412 or 47414

Conductor: 18 wires strand of bare copper

Inner insulation and outer sheath of PVC.

## Core identification

According to DIN 47100

## Operating voltage

Up to 350 V (peak value)

## Test voltage

Up to 1200 V

## Temperature range

– 5 °C to 60 °C

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.14	DIN 47412	LIYY 2x1x0.14 SW	3.7	3	15	100	ring	D47412-A 210
0.14	DIN 47412	LIYY 3x1x0.14 SW	3.9	4	18	100	ring	D47412-A 310
0.14	DIN 47412	LIYY 4x1x0.14 SW	4.1	5	21	100	ring	D47412-A 410
0.14	DIN 47412	LIYY 4x1x0.14 GR	4.1	5	21	100	ring	D47412-A 421
0.14	DIN 47412	LIYY 6x1x0.14 SW	4.6	8	27	100	ring	D47412-A 610
0.14	DIN 47412	LIYY 6x1x0.14 GR	4.6	8	27	100	ring	D47412-A 621
0.14	DIN 47414	LIYY 4x2x0.14 SW	5.0	10	31	4000	drum	D47414-A 410
0.14	DIN 47414	LIYY 4x2x0.14 GR	5.0	10	31	4000	drum	D47414-A 421
0.14	DIN 47414	LIYY 5x2x0.14 SW	5.7	13	38	4000	drum	D47414-A 510
0.14	DIN 47414	LIYY 5x2x0.14 GR	5.7	13	38	4000	drum	D47414-A 521
0.14	DIN 47414	LIYY 6x2x0.14 GR	6.5	16	44	2000	drum	D47414-A 621
0.14	DIN 47414	LIYY 8x2x0.14 SW	6.9	22	53	2000	drum	D47414-A 810
0.14	DIN 47414	LIYY 8x2x0.14 GR	6.9	21	53	2000	drum	D47414-A 821
0.14	DIN 47414	LIYY 10x2x0.14 GR	7.7	28	67	2000	drum	D47414-A1021
0.14	DIN 47414	LIYY 16x2x0.14 GR	8.9	42	93	2000	drum	D47414-A1621
0.14	DIN 47414	LIYY 22x2x0.14 GR	10.2	57	128	1000	drum	D47414-A2221

# Flexible cables, unshielded

## PVC insulation

Design according to UL-Style 2879

Type: LI2YY 12x2x0.06 RT

Order No.: V45580-D122-B5



## Application

These cables are commonly used to connect moving devices within installations for communication purposes.

The cables are suitable for moderate stress in dry or moist rooms.

## Construction

Designs are available in accordance with DIN VDE, UL-Style 2560, 2464, 20433 or CSA.  
 Conductor: 7 or 18 wires strand tinned or bare copper,  
 inner insulation of PVC or PE,  
 core wrapping,  
 outer sheath of PVC or FRNC.

## Core identification

Colour coding, ring marking

## Operating voltage

Up to 350 V (peak value)

## Temperature range

– 5 °C to 70 °C

## Customised cables

In addition to the types mentioned in the tables we supply customised cables with different numbers of cores or pairs and with various wrappings. Depending on the application different UL-Styles are applicable, therefore outer diameters vary. The design of the strands is subject to the connection technique. For insulation displacement connections an appropriate insulation material has to be selected.

Conductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.06	UL-Style 2879	LI2YY 12x2x0.06 RT	5.5	15	30	600	coil	V45580-D122-B5
0.09		LIYY 16x1x0.09/0.7 GR	5.7	15	44	1000	drum	V45580-A 161-A
0.14		LIYY 2x1x0.14 GR	4.2	3	19	4000	drum	V45580-B 21-A 5
0.14		LIYY 4x1x0.14 GR	4.1	5	20	5000	drum	V45580-B 41-A
0.14	UL-Style 20433A	LIYY 4x2x1x0.14 GR	5.7	12	39	2000	drum	V45580-B 42-A 35
0.14	UL-Style 20433A	LIYY 5x2x0.14 GR	6.3	15	46	2000	drum	V45580-B 52-A 5
0.14		LIYY 6x2x0.14 GR	6.6	16	47	2000	drum	V45580-B 62-A 5
0.15	UL-Style 2102	LIYY 3x0.15/1.32 SW	4.1	5	18	2000	drum	V45580-B 31-A 75

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.22		L-YY 4x4x0.22 VZN SI GR	8.1	35	90	1000	drum	V45550-A 44-A 5
0.22		L-YY 12x2x0.22 VZN SI GR	10.1	55	135	1000	drum	V45550-A 122-A 5
0.22	UL-Style 20433A	L-YY 16x2x0.22 VZN SI GR	11.1	74	158	1000	drum	V45550-A 162-A 5
0.25		L-YY 1x2x0.25 SW	3.5	5	18	3000	drum	V45550-B 12-A 5
0.25	UL-Style 20433A	L-YY 2x1x0.25/1.3 VZN BR	4.5	5	23	1000	drum	V45550-B 21-A 5
0.25	UL-Style 20433A	L-YY 2x1x0.25/1.3 VZN BR	4.5	5	23	500	coil	V45550-B 21-A 5-L6
0.25		L-YY 3x1x0.25	4.0	8	24	3000	drum	V45550-B 31-A 45
0.25	UL-Style 20200	L-YY 3x1x0.25 GR	4.7	8	26	3000	drum	V45550-B 31-A 55
0.25		L-YY 4x1x0.25 VZN GN	5.0	10	32	1000	drum	V45550-B 41-A 15
0.25		L-YY 4x1x0.25 SW	4.0	10	25	5000	drum	V45550-B 41-A 35
0.25		L-YY 8x1x0.25 VZN SW	6.0	21	50	500	coil	V45550-B 81-A 5
0.25	UL-Style 20200	L-YY-JZ 8x0.25 GR	8.7	21	96	1000	drum	L45550-B 81-A 35
0.25		L-YY 16x1x0.25 VZN GR	8.2	42	93	1500	drum	V45550-B 161-A 5
0.34	UL-Style 20200	L-YY 2x1x0.34 VZN GR	4.0	7	23	5000	drum	V45550-P 21-A 15
0.34	UL-Style 2576	L-YY 1x4x0.34 VZN	4.6	14	30	4000	drum	V45550-P 41-A 15
0.34	UL-Style 2576	L-YY 10x1x0.34 VZN GR	6.6	35	64	2000	drum	V45550-P 101-A 15
0.34	UL-Style 2464	L-YY 12x1x0.34 VZN GR	6.9	42	73	1000	drum	V45550-P 121-A 5
0.5	FRNC	L-HH 2x1x0.5 GR	5.0	10	32	3000	drum	V45550-C 21-Y 6
0.5		L-YY 4x1x0.5 SW	7.0	20	62	1000	drum	V45550-C 41-A 5
0.5		L-YY 4x1x0.5 GR	5.5	20	45	1000	drum	V45550-C 41-A 35
0.5	UL-Style 2464	L-YY 4x1x0.5 GR	5.5	21	45	2000	drum	V45550-C 41-A 45
0.5		L-YY 6x1x0.5 VZN GR	8.5	30	102	1000	drum	V45550-C 61-A 35
0.5		L-YY 16x2x0.5 BL	14.5	164	272	1000	drum	V45550-C 162-A 15
0.75	cold-resistant to -10 °C	L-YY 3x1x0.75 KF10	6.5	23	56	100	ring	V45550-D 31-A 25
0.75	UL-Style 20200	L-YY 4x1x0.75 GR	6.1	33	58	2000	drum	V45550-D 41-A 25
0.75	cold-resistant to -20 °C	L-YY 5x1x0.75/2.0 GR KF20	6.9	39	74	2000	drum	V45550-D 51-A 35
0.75	cold-resistant to -20 °C	L-YY 6x1x0.75 GR KF20	7.5	47	85	1500	drum	V45550-D 61-A 15
0.75	cold-resistant to -20 °C	L-YY 7x1x0.75 KF20 GR	7.3	53	86	1000	drum	V45550-D 71-A 15
0.75		L-YY 12x1x0.75 GR	11.5	90	203	1000	drum	V45550-D 121-A 5
0.75		L-YY-Z 12x1x0.75 GR	11.5	91	192	500	drum	V45550-D 121-A 15
0.86	UL-Style 2464	L-YY 3x1x0.86 VZN GR	6.0	26	50	2000	drum	V45550-E 31-A 15
0.86	UL-Style 2464	L-YY 4x1x0.86 VZN GR	6.5	35	62	2000	drum	V45550-E 41-A 5
0.86	UL-Style 2464	L-YY 5x1x0.86 VZN GR	7.2	43	82	1500	drum	V45550-E 51-A 5
0.86	UL-Style 2464	L-YY 8x1x0.86 VZN GR	9.1	70	129	1000	drum	V45550-E 81-A 15
1.0	UL-Style 1968	L-YY 1x1x1.0	4.0	10	22	1000	drum	V45550-E 11-A 5
1.0	UL-Style 2655	L-YY 2x1x1.0 GR	5.8	20	47	1000	drum	L45550-E 21-A 5
1.0	UL-Style 2655	L-YY 5x1x1.0 GR	6.9	51	80	1000	drum	L45550-E 51-A 15
1.5	UL-Style 2448	L-YY 2x1x1.5 VZN	6.0	30	55	2000	drum	V45550-F 21-A 5
1.5	UL-Style 2655	L-YY 3x1x1.5 GR	7.2	45	89	1000	drum	V45550-F 31-A 25
1.5	cold-resistant to -20 °C	L-YY 6x1.5/2.6 GR KF20	9.1	89	140	1500	drum	V45550-F 61-A 5
1.5	cold-resistant to -20 °C	L-YY 6x1.5/2.6 GR KF20	9.1	89	140	100	ring	V45550-F 61-A 5-F2
4.0		H05VV-F 3G4	11.7	115	234	1000	drum	L45550-H 31-A 5

# Flexible cables, shielded

**Flame-retardant non corrosive****Type:** L-HCH 24x1x0.75 VZN FRNC**Order No.:** V45551-D 241-Y 6**Application**

These cables are commonly used to connect moving devices within installations for communication purposes.

The cables are suitable for moderate stress in dry or moist rooms.

**Construction**

Designs are available in accordance with DIN VDE, UL-Style 2560, 2464, 20433 or CSA  
Conductor: 7 or 18 wires strand  
tinned or bare copper,  
inner insulation of PVC, PE or FRNC,  
core wrapping,  
outer sheath of PVC or FRNC.

**Core identification**

Colour coding, ring marking

**Operating voltage**

Up to 350 V (peak value)

**Temperature range**

-5 °C to 70 °C

**Customised cables**

In addition to the types mentioned in the tables we supply customised cables with different numbers of cores or pairs and with various wrappings. Depending on the application different UL-Styles are applicable, therefore outer diameters vary. The design of the strands is subject to the connection technique. For insulation displacement connections an appropriate insulation material has to be selected.

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.06		LI2Y(ST)CY 25x2x0.06 VZN GR	8.0	50	84	1000	drum	V45581-D 252-B 5
0.06	UL-Style 2560	LI2Y(ST)CY 40x2x0.06 VZN GR	9.8	83	123	1000	drum	V45581-D 402-B 5
0.09	UL-Style 20433A	LIYCY 7x2x0.09 GR	5.2	26	44	3000	drum	V45581-A 72-A 35
0.09		LIYCY 8x2x0.09 SW	4.8	26	40	1000	drum	V45581-A 82-A 15
0.09		LIYCY 10x2x0.09 SW	6.6	35	61	1000	drum	V45581-A 102-A 25
0.09		LIYCY 12x2x0.09 GR	5.8	35	53	1000	drum	V45581-A 122-A 5
0.09	UL-Style 20433A	LIYCY 12x2x0.09/0.7 GR	6.4	35	60	3000	drum	V45581-A 122-A 45
0.09	UL-Style 2560	LIYCY 13x2x0.09 VZN GR	8.6	60	104	1000	drum	V45581-A 132-A 15
0.09		LIYCY 16x2x0.09 BD SW	7.3	59	81	1000	drum	V45581-A 162-A 25
0.09	UL-Style 20433A	LIYCY 16x2x0.09 VZN BD SW	8.0	59	92	1000	drum	V45581-A 162-A 45
0.09	flame-retardant (FR)	LIYCYCY 16x2x0.09 BD VZN FR	9.0	85	135	1000	drum	V45581-A 162-A 55
0.09		LIYCY 18x2x0.09 BD SW	7.4	65	89	1000	drum	V45581-A 182-A 5
0.09		LIYCY 18x2x0.09 BD GR	9.0	73	119	1000	drum	V45581-A 182-A 25
0.09	UL-Style 2502	LIYCY 18x2x0.09 GR	8.0	64	96	1000	drum	V45581-A 182-A 55
0.09	UL-Style 2560	LIYCY 20x2x0.09 BD	9.9	83	142	1000	drum	V45581-A 202-A 15
0.09		LIYCY 23x2x0.09 BD	8.1	74	106	1000	drum	V45581-A 232-A 5
0.09	UL-Style 20433A	LIYCY 23x2x0.09 BD GR	8.6	75	115	1000	drum	V45581-A 232-A 15
0.09		LIYCY 25x2x0.09 BD SW	8.4	81	111	1000	drum	V45581-A 252-A 5
0.09		LIYCY 25x2x0.09 BD GR	8.4	80	109	1000	drum	V45581-A 252-A 15
0.09	UL-Style 20433A	LI2YCY 25x2x0.09 BD GR	11.8	92	162	1000	drum	V45581-A 252-B 25
0.09	UL-Style 20578A	LI2YCY 25x2x0.09 BD VZN FR	11.4	93	160	1000	drum	V45581-A 252-B 45
0.09	UL-Style 20433A	LIYCY 32x2x0.09 BD GR	9.6	97	147	1000	drum	V45581-A 322-A 5
0.09		LIYCY 32x2x0.09 BD GR	9.5	97	145	500	drum	V45581-A 322-A 25
0.09	UL-Style 2560	LIYCY 32x2x0.09 VZN GR	12.2	102	203	1000	drum	V45581-A 322-A 45
0.09		LIYCY 32x2x0.09 BD GR	9.6	97	147	1000	drum	V45581-A 322-A 55
0.14	UL-Style 2560	LIYCY 1x4x0.14 VZN GR	5.9	22	53	2000	drum	V45581-B 14-A 5
0.14	UL-Style 20106	LIYDY 2x1x0.14 GR	3.5	7	16	2000	drum	V45581-B 21-A 55
0.14		LIYCY 2x1x0.14 GR	4.1	11	24	3000	drum	V45581-B 21-A 65
0.14	UL-Style 2560	LIYCY 2x2x0.14 GR	5.3	20	39	2000	drum	V45581-B 22-A 5
0.14		LIYCY 3x1x0.14 GR	4.0	11	22	2000	drum	V45581-B 31-A 25
0.14	UL-Style 20433A	LIYCY 3x2x0.14 GR	5.4	19	40	2000	drum	V45581-B 32-A 15
0.14	UL-Style 2560	LIYCY 3x2x0.14 GR	5.4	22	44	2000	drum	V45581-B 32-A 55
0.14		LIYCY 3x2x0.14 SW	5.3	19	37	2000	drum	V45581-B 32-A 65
0.14	FRNC	LIHCH 3x2x0.14 FRNC GR	5.5	17	42	2000	drum	V45581-B 32-Y 9
0.14	UL-Style 2560	LIYCY 4x2x0.14 GR	6.1	27	52	1500	drum	V45581-B 42-A 55
0.14	UL-Style 20200	LIYCY 4x2x0.14 GR	5.7	25	47	2000	drum	V45581-B 42-A 65
0.14		LIYCY 4x2x0.14 GR	6.1	27	50	2000	drum	V45581-B 42-A 75
0.14	UL-Style 20200	LIYCY 5x1x0.14 GR	5.0	16	34	2000	drum	V45581-B 51-A 15
0.14	UL-Style 20433A	LIYCY 5x2x0.14 GR	6.7	30	61	1000	drum	V45581-B 52-A 15
0.14	UL-Style 20433A	LIYCY 5x2x0.14 GR	6.1	28	52	1000	drum	V45581-B 52-A 35
0.14		LIYCY 6x1x0.14 VZN GR	5.4	20	42	2000	drum	V45581-B 61-A 25
0.14	UL-Style 2560	LIYCY 6x2x0.14 VZN GR	7.0	38	79	2000	drum	V45581-B 62-A 15

## Flexible cables, shielded

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.14		LIYCY 6x2x0.14 GR	7.0	36	73	2000	drum	L45581-B 62-A 25
0.14		LIYCY 7x1x0.14 SW	5.1	20	39	2000	drum	V45581-B 71-A 35
0.14		LIYCY 7x2x0.14 GR	7.5	45	79	1000	drum	V45581-B 72-A 5
0.14	UL-Style 20433A	LIYCY 8x1x0.14 GR KF20	5.5	28	50	1000	drum	V45581-B 81-A 15
0.14		LIYCY 8x1x0.14 VZN	5.2	27	46	2000	drum	V45581-B 81-A 35
0.14	UL-Style 2464	LIYCY 8x2x0.14 VZN GR	8.1	51	90	1000	drum	V45581-B 82-A 15
0.14	cold-resistant to -10 °C	LIYCY 9x2x0.14 GR KF10	8.2	52	88	1000	drum	V45581-B 92-A 5
0.14	FRNC	LIYCY 9x2x0.14 VZN FR GR	8.5	58	99	1000	drum	V45581-B 92-A 15
0.14	UL-Style 20578A	LIYCY 10x1x0.14 VZN TR KF10	6.0	36	57	2000	drum	V45581-B 101-A 5
0.14	UL-Style 2464	LIYCY 10x2x0.14/1.0 GR	8.8	59	108	1000	drum	V45581-B 102-A 25
0.14		LIYCY 12x1x0.14 GR	6.6	35	66	1000	drum	V45581-B 121-A 5
0.14		LIYCY 12x1x0.14 VZN GR	6.6	36	67	2000	drum	V45581-B 121-A 8
0.14		LIYCY 12x2x0.14 GR	9.1	66	115	1000	drum	L45581-B 122-A 35
0.14	UL-Style 20433A	LIYCY 16x1x0.14 GR	7.8	48	87	1000	drum	V45581-B 161-A 5
0.14	UL-Style 2464	LIYCY 16x2x0.14 GR	10.5	82	146	1000	drum	V45581-B 162-A 45
0.14	UL-Style 2464	LIYCY 18x2x0.14 GR	11.0	88	149	1000	drum	V45581-B 182-A 15
0.14	FRNC	LIHCH 18x2x0.14 BD FRNC GR	10.0	92	153	1000	drum	V45581-B 182-Y 9
0.14	UL-Style 20433A	LIYCY 20x0.14 GR	7.9	54	96	1000	drum	V45581-B 201-A 15
0.14	FRNC	LIHCH 25x2x0.14 BD FRNC GR	11.2	111	183	1000	drum	V45581-B 252-Y 9
0.14		LIYCY 27x1x0.14/1.0 VZN GR	8.4	58	103	1000	drum	V45581-B 271-A 5
0.15	UL-Style 2464, CSA	LIYCY 14x1x0.15 GR	7.0	40	70	2000	drum	V45581-B 141-A 35
0.22	cold-resistant to -25 °C	LIYCY 6x2x0.22 VZN SI GR KF25	7.0	55	78	1000	drum	V45551-A 62-A 5
0.22		L-YCY 16x2x0.22 VZN SI GR	9.7	117	149	1000	drum	V45551-A 162-A 25
0.22		L-YCY 20x2x0.22/1.0 VZN SI GR	11.1	139	194	1000	drum	V45551-A 202-A 15
0.22		L-YCY 24x2x0.22 VZN SI GR	11.5	163	208	1000	drum	V45551-A 242-A 25
0.25	cold-resistant to -40 °C	L-2YCY 2x1x0.25 KF 40 SW	6.5	23	48	100	ring	V45551-B 21-B 5
0.25	UL-Style 2464	L-YCY 2x1x0.25 VZN GR	5.0	16	35	3000	drum	L45551-B 21-A 45
0.25		LIYCY 2x2x0.25/1.3 GR	6.9	31	56	1000	drum	V45551-B 22-A 5
0.25		LIYCYCY 2x2x0.25 GR	8.9	62	108	100	ring	V45551-B 22-A 15
0.25	UL-Style 2464	L-YCY 3x1x0.25 GR	5.2	17	37	3000	drum	V45551-B 31-A 35
0.25	UL-Style 2464	L-YCY 4x1x0.25 GR	5.6	20	41	2000	drum	V45551-B 41-A 75
0.25	UL-Style 2517, CSA	L-YCY 5x1x0.25 SW	5.6	27	46	1000	drum	V45551-B 51-A 55
0.25	UL-Style 20200	L-YCY 5x2x0.25 GR	7.8	43	79	2000	drum	V45551-B 52-A 15
0.25	UL-Style 20200	L-YCY-Z 6x1x0.25/1.25 GR	6.0	36	58	1000	drum	V45551-B 61-A 5
0.25	UL-Style 2461	L-YCY 10x1x0.25 GR	7.7	53	86	1000	drum	V45551-B 101-A 25
0.25	UL-Style 2464	L-YCY 12x1x0.25 GR	8.4	54	99	1000	drum	V45551-B 121-A 35
0.25	UL-Style 20200	L-YCY-Z 24x2x0.25 VZN GR	15.0	189	342	1000	drum	V45551-B 242-A 5
0.25	FRNC	L-HCH 36x1x0.25 VZN FRNC	13.6	140	245	1000	drum	V45551-B 361-Y
0.5		L-YCY 1x2x0.5 VZN GR	5.5	26	46	1500	drum	V45551-C 12-A 5
0.5		L-YCY 2x1x0.5 VZN	5.2	28	43	500	ring	V45551-C 21-A 5
0.5	UL-Style 2464	L-YCY 2x1x0.5 VZN GR	5.6	28	47	1500	drum	V45551-C 21-A 15
0.5	UL-Style 20200	L-YCY 3x1x0.5 VZN GR	6.0	36	58	1000	drum	V45551-C 31-A 15

## Flexible cables, shielded

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
strand mm <sup>2</sup>			mm	kg/km	kg/km	m		
0.5		L-YCY 4x1x0.5 VZN	6.7	45	74	1000	drum	V45551-C 41-A 15
0.5	cold-resistant to -40 °C	L-YCY 4x1x0.5 VZN KF40 GR	6.7	45	73	1000	drum	V45551-C 41-A 25
0.5	UL-Style 2464	L-YCY 4x1x0.5 GR	7.0	38	70	1000	drum	V45551-C 41-A 35
0.5	cold-resistant to -40 °C	L-2YCY 5x2x0.5 KF40	10.5	91	140	1000	drum	V45551-C 52-B 15
0.5	UL-Style 20200	L-YCY 6x1x0.5/1.8 GR	7.7	59	97	1000	drum	V45551-C 61-A 15
0.5		L-YCY 16x1x0.5 GR VZN	11.6	125	215	100	ring	V45551-C 161-A 5
0.5		L-YCY 16x1x0.5 GR VZN	11.6	125	215	100	ring	V45551-C 161-A 5
0.5	UL-Style 20200	L-YCY-JZ 34x1x0.5 GR	16.4	242	425	1000	drum	V45551-C 341-A 5
0.75		L-YCY 3x1x0.75 GR	6.2	38	62	1000	drum	V45551-D 31-A 35
0.75	UL-Style 2462 A	L-YCY 4x1x0.75	6.8	44	73	1500	drum	V45551-D 41-A 5
0.75		L-YCY 4x1x0.75	6.8	44	73	250	ring	V45551-D 41-A 5-F5
0.75	UL-Style 2464	LIYCY 6x2x0.75 GR	14.0	138	228	1000	drum	V45551-D 62-A 15
0.75		L-YCY 18x1x0.75 GR	14.2	189	321	1000	drum	V45551-D 181-A 5
0.75	FRNC	L-HCH 24x1x0.75 VZN FRNC	14.0	222	315	1000	drum	V45551-D 241-Y 6
0.75		L-YCY 36x1x0.75 GR	15.7	334	443	1000	drum	V45551-D 361-A 15
0.93	KKW-containment- measuring R36	L-HH 3x2x0.93(C)VZN H 3x2x0.93VZN H CHDY 1x1x0.93VZN(16CU)FR	30.9	507	1120	1000	drum	V45551-E 139-B 5
0.93	KKW-containment- measuring R35	L-HH 3x2x0.93(C)VZN H 3x2x0.93VZN H CHDY 1x1x0.93VZN(16CU)FR	24.1	348	685	1000	drum	V45551-E 139-B 6
1.0	UL-Style 2095, CSA	L-YCY 4x1x1.0 GR	6.6	68	87	1000	drum	V45551-E 41-A 15
1.5		L-YCY 2x1x1.5 SW	8.8	61	118	1000	drum	V45551-F 21-A 5
1.5	UL-Style 2571	L-YCY 2x1x1.5 GR	7.9	52	89	0	drum	V45551-F 21-A 45
1.5	UL-Style 2571	L-YCY 2x1x1.5 GR	7.9	57	95	250	ring	V45551-F 21-A 45-F5
1.5	UL-Style 20200	L-YCY 4x1x1.5 GR	10.2	96	156	1000	drum	V45551-F 41-A 45
2.5	UL-Style 20200	L-YYCY-J 3x1x2.5 GR	12.3	131	233	116	ring	V45551-G 31-A 15
2.5		L-YCY-J 8x1x2.5	14.3	254	371	500	drum	V45551-G 81-A 5
4.0	UL-Style 2586	L-YCY 4x1x4.0	13.4	204	285	500	drum	V45551-H 41-A 15

## Customised flexible cables

**PVC insulation**

**UL Style 2517, CSA**

**Type:** L-YC 2x2x0.15  
YC 1x1x0.15  
Y 4x1x0.5  
Y 2x1x0.34  
Y CY 8x1x0.15

**Order No.:** V45551-W 191-A 5



**Application**

For specific requirements we develop customised cables with different conductors, wrappings, screenings etc. Our designs and the selected materials are in accordance with DIN VDE, UL and CSA.

The following listing includes only examples for customised cable solutions. Please contact us if you are looking for a product to suit your special application.

Con- ductor	Annotation	Type designation	Outer-Ø	Copper value	Net weight	Delivery length	Packaging	Order number
Strand			mm	kg/km	kg/km	m		
various	UL-Style 20745, CSA	L-2Y C11Y 4x2x0.09+1x1x0.09 VZN 7Y 5x1x1.5 VS 7Y C11Y 3x1x2.0 VS BR	12.0	212	280	1000	drum	V45551-W 179-W 8
various	UL-Style 2517, CSA	L-YC 2x2x0.15 YC 1x1x0.15 Y 4x1x0.5 Y 2x1x0.34 Y CY 8x1x0.15	10.9	107	173	1000	drum	V45551-W 191-A 5
various	UL-Style 20449, CSA	L-7Y 3x1x1.23 VZN 7Y 5x2x0.15 VZN 7Y C11Y 3x2x0.24 VZN GR	11.1	98	183	1000	drum	V45551-W 199-H 8

# Customer benefit by means of quality and flexibility

We place very high demands on the quality of our products. Stable manufacturing methods using innovative technologies and strict quality assurance give you and your customers the reliability for smooth operation. This is how we provide the basis for communication applications of today and tomorrow.

### Flexibility is our strength.

This means regarding each individual project as something special. In close co-operation with our customers we develop made-to-measure cable solutions for the widest range of applications – quickly and to a high quality. Our team with the comprehensive expertise that has been gained on a large number of special projects supports you from the idea to the product launch.

**Depending on the specific application our products are approved by various organisations.**

**Our quality management and environmental management is DIN EN ISO 9001/14001 certified.**



**This is where you will find more information about our company and our products.**

■ **Product brochures:**

**Insulated Strands and Wires**

**Flexible Cables**

**Radio-frequency Cables**

**Switchboard Cables**

**Heat Resistant Cables,  
Thermocouple Cables**

■ **Special brochures:**

**LEONI Special Cables**

Flexibility made to measure

**FlexLine™**

Coaxial cabling and connection technology for wireless communication systems

**CATWay™**

Cable Solutions for CATV Networks

**Special Cables for  
Automation Systems**

**Special Cables for  
Diagnostic and Therapy Systems**

■ **Other LEONI product catalogues:**

**Copper Data Cables**

**Fibre Optic Cables**

**Coaxial Cables**

**Power Cables**

**LEONI Special Cables  
GmbH**

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