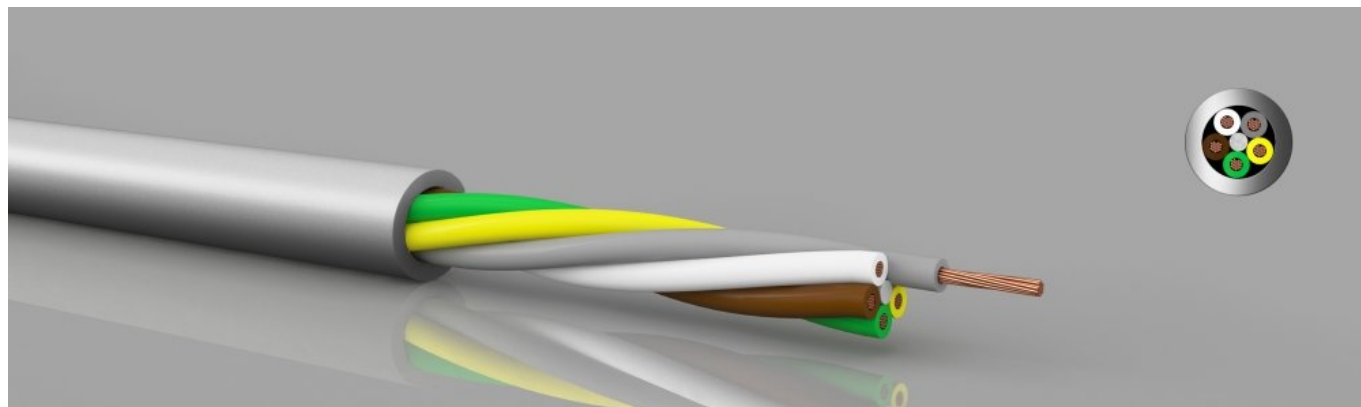




✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

LiYY

PVC, unshielded

Application / Description

Measuring-, signal, control-, and regulation technology as well as call plants and data processing. High flexibility and small outside diameter characterise this cable.

Product range

Order-No.	Dimension	O.D. approx. mm	weight kg/km	Cu-weight kg/km	skinning tool (core)	skinning tool (jacket)
010201400	2 x 0,14 qmm	3,40	16,0	2,9	20310	40025
010301400	3 x 0,14 qmm	3,80	14,0	4,4	20310	40025
010401400	4 x 0,14 qmm	4,10	20,0	5,8	20310 / 30900	40025
010501400	5 x 0,14 qmm	4,20	25,0	7,3	20310 / 30900	40025
010601400	6 x 0,14 qmm	4,50	28,0	8,7	20300 / 30161	40025
010701400	7 x 0,14 qmm	4,70	33,0	10,1	20300 / 30161	40025
010801400	8 x 0,14 qmm	5,20	38,0	11,6	20300 / 30160	40025
011001400	10 x 0,14 qmm	5,80	45,0	14,5	20300 / 30160	40025
011201400	12 x 0,14 qmm	6,10	52,0	17,4	20300 / 30160	40025
011601400	16 x 0,14 qmm	6,80	64,0	23,1	20300 / 30160	40025
012001400	20 x 0,14 qmm	7,00	67,0	26,9	20300 / 30160	40025
012401400	24 x 0,14 qmm	7,70	95,0	32,3	30160 / 30161	40025
013201400	32 x 0,14 qmm	8,40	97,0	43,0	30160 / 30161	40025
013601400	36 x 0,14 qmm	9,10	135,0	48,4	30160 / 30161	40025
014001400	40 x 0,14 qmm	9,40	150,0	53,8	30160 / 30161	40025
014201400	42 x 0,14 qmm	10,20	160,0	56,4	30160 / 30900	40025
015201400	52 x 0,14 qmm	10,80	200,0	70,0	30160 / 30900	40025
010202500	2 x 0,25 qmm	4,00	25,0	4,8	20310 / 30900	20100
010302500	3 x 0,25 qmm	4,10	20,0	7,2	20310 / 30900	20100
010402500	4 x 0,25 qmm	4,40	35,0	9,6	20310 / 30900	20100
010502500	5 x 0,25 qmm	4,70	40,0	12,0	20300 / 30161	20100
010602500	6 x 0,25 qmm	5,20	45,0	14,4	20300 / 30160	20100
010702500	7 x 0,25 qmm	5,30	52,0	16,8	20300 / 30160	20100
010802500	8 x 0,25 qmm	5,70	60,0	19,2	20300 / 30160	20100
011002500	10 x 0,25 qmm	6,70	70,0	24,0	20300 / 30160	20100
011202500	12 x 0,25 qmm	7,10	72,0	28,8	30160 / 30161	20100
011602500	16 x 0,25 qmm	7,90	104,0	38,4	30160 / 30161	20100
012002500	20 x 0,25 qmm	9,00	117,0	48,0	30160 / 30161	20100
012402500	24 x 0,25 qmm	9,70	148,0	57,6	30160 / 30161	20100
013202500	32 x 0,25 qmm	11,40	188,0	76,8	30160 / 30900	20100
013602500	36 x 0,25 qmm	11,90	180,0	86,4	30160 / 30900	20100
015202500	52 x 0,25 qmm	14,00	287,0	124,8	30900 / 30400	20100



Order-No.	Dimension	O.D.	weight	Cu-weight	skinning tool (core)	skinning tool (jacket)
		approx. mm	kg/km	kg/km		
010205000	2 x 0,50 qmm	4,90	33,0	9,8	20300 / 30161	20100
010305000	3 x 0,50 qmm	5,20	47,0	14,7	20300 / 30160	20100
010405000	4 x 0,50 qmm	5,70	53,0	19,5	20300 / 30160	20100
010505000	5 x 0,50 qmm	6,30	70,0	24,4	20300 / 30160	20100
010605000	6 x 0,50 qmm	6,80	75,0	29,3	20300 / 30160	20100
010705000	7 x 0,50 qmm	7,00	80,0	34,1	20300 / 30160	20100
010805000	8 x 0,50 qmm	7,60	92,0	39,0	30160 / 30161	20100
011005000	10 x 0,50 qmm	8,90	105,0	48,8	30160 / 30161	20100
011205000	12 x 0,50 qmm	9,40	130,0	58,5	30160 / 30161	20100
011605000	16 x 0,50 qmm	10,40	165,0	78,0	30160 / 30900	20100
012405000	24 x 0,50 qmm	14,00	221,0	115,2	30400 / 30900	20100
013205000	32 x 0,50 qmm	16,10	295,0	154,0	10270 / 10280	20100
015205000	52 x 0,50 qmm	19,80	530,0	252,0	10270 / 10280	20100
010207500	2 x 0,75 qmm	5,30	47,0	14,7	20300 / 30160	20100
010307500	3 x 0,75 qmm	5,60	61,0	22,0	20300 / 30160	20100
010407500	4 x 0,75 qmm	6,30	75,0	29,3	20300 / 30160	20100
010507500	5 x 0,75 qmm	7,00	85,0	36,6	20300 / 30160	20100
010607500	6 x 0,75 qmm	7,60	110,0	43,9	30160 / 30900	20100
010707500	7 x 0,75 qmm	7,80	105,0	51,2	30160 / 30161	20100
010807500	8 x 0,75 qmm	8,30	120,0	58,5	30160 / 30161	20100
011007500	10 x 0,75 qmm	9,60	172,0	73,1	30160 / 30161	20100
011207500	12 x 0,75 qmm	10,20	175,0	87,7	30160 / 30900	20100
011607500	16 x 0,75 qmm	11,60	235,0	116,9	30160 / 30900	20100
012007500	20 x 0,75 qmm	13,00	312,0	144,0	30160 / 30900	20100
012407500	24 x 0,75 qmm	15,00	350,0	172,8	30400 / 30900	20100

Construction / data

Conductor	bare stranded copper wire
Structure of conductor	depending on the article
Cross section	depending on the article
Core-Ø	depending on the article
number of cores	depending on the article
Core insulation	PVC acc. to VDE 0207
Colour sequence	DIN 47100
Twisting	cores in layers
Outer jacket	PVC acc. to VDE 0207
Outer jacket colour	grey sim. RAL 7001

Technical characteristics

Not allowed for high current applications!

Temperature range	static: -30 °C to +70 °C dynamic: -5 °C to +70 °C
Bending radius	> 15 x O.D.
Operating capacity (C/C)	depending on the article
Operating voltage	depending on the article
Testing voltage	depending on the article
Current capacity (at +25° C)	depending on the article
Insulation resistance	> 200 MOhm x km at + 20°C
Conductor resistance	depending on the article

Packaging

Rings at 100m, Reels

Lower and upper lengths according to availability. Special packaging on request.

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!

Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

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