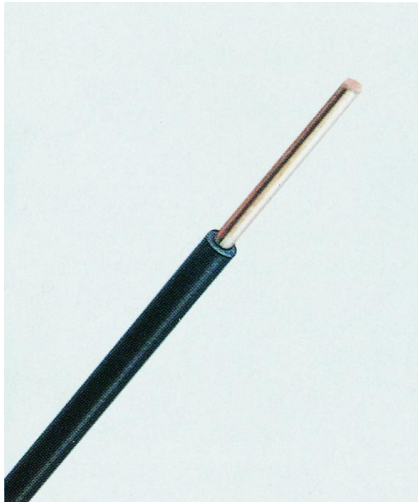


H07V-U (Ye)
H07V-R (Ym)

PVC Insulated Single Core Wire

according to DIN VDE 0281-3 / ÖVE - K41-3



Construction

Solid or stranded bare copper conductor, core insulation of PVC.

Application

For indoor fixed installations in dry locations in switchboards and distributors. Should be installed in surface mounted or embedded conduits, or directly on suitably insulated objects.

Temperature range

- 5°C till + 70°C

Nominal cross section mm ²	Colours	Price EUR / km	Copper figure kg / km	Cond. construction * (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H07V-U 450/750 V						
1,5	bla/blu/br	112,82	15	1 x 1,38	2,8	21
	gy	118,46	15	1 x 1,38	2,8	21
	gr/vio/wh/or/gn/ye/rd	124,09	15	1 x 1,38	2,8	21
2,5	bla/blu/br	188,53	25	1 x 1,78	3,4	34
	gy	197,96	25	1 x 1,78	3,4	34
	gr/vio/wh/or/rd	207,38	25	1 x 1,78	3,4	34
4	bla/blu	280,73	40	1 x 2,25	3,9	50
	gy/br/vio/gr	308,83	40	1 x 2,25	3,9	50
6	bla/blu/br	404,79	60	1 x 2,76	4,4	70
	gy/gr/vio	445,27	60	1 x 2,76	4,4	70
10	bla/blu	682,27	100	1 x 3,56	5,6	115
	gy/br/gr	750,50	100	1 x 3,56	5,6	115
H07V-R 450/750 V						
6	bla/blu/br/gr	553,00	60	7 x 1,05	4,6	70
	gy	608,30	60	7 x 1,05	4,6	70
10	bla/blu/br/gr	781,53	100	7 x 1,35	5,8	115
	gy	859,68	100	7 x 1,35	5,8	115
16	bla/blu	1.185,72	160	7 x 1,70	7,1	185
	gy/br/gr	1.304,29	160	7 x 1,70	7,1	185
25	bla	1.855,91	250	7 x 2,13	8,8	290
	blu/gy/br/gr	2.041,50	250	7 x 2,13	8,8	290
35	bla	2.525,98	350	7 x 2,52	10,0	390
	blu/gy/br/gr	2.778,58	350	7 x 2,52	10,0	390
50	bla	3.380,85	500	19 x 1,83	11,7	565
	blu/gy	3.718,94	500	19 x 1,83	11,7	565
70	bla	4.753,00	700	19 x 2,17	13,5	790
	blu/gy	5.228,29	700	19 x 2,17	13,5	790
95	bla	6.408,80	950	19 x 2,52	15,8	1050
	blu/gy	7.049,68	950	19 x 2,52	15,8	1050
120	bla	8.132,15	1200	37 x 2,03	17,4	1310
	gy	8.945,36	1200	37 x 2,03	17,4	1310
150	bla	9.775,24	1500	37 x 2,27	19,4	1620
	gy	10.752,76	1500	37 x 2,27	19,4	1620
185	bla	12.000,82	1850	37 x 2,52	22,0	1970
	gy	13.200,90	1850	37 x 2,52	22,0	1970
240	bla	15.617,32	2400	61 x 2,24	25,0	2550
	gy	17.179,05	2400	61 x 2,24	25,0	2550
300	bla	21.254,33	3000	61 x 2,50	27,0	3180
	gy	23.379,76	3000	61 x 2,50	27,0	3180

* data valid for the non-compacted conductor construction

Abbreviations: bla – black, blu – blue, br – brown, gy – green-yellow, rd – red, wh – white, vio – violet, or – orange, gn – green, gr – grey, lgr – light grey, ye – yellow, tra – transparent, gd – gold; l – light, d - dark

H05V-U (Yse)
H05V-K (Ysf)

PVC Insulated Single Core Wire

according to DIN VDE 0281-3 / ÖVE - K41-2



Construction

Solid or fine-stranded bare copper conductor, core insulation of PVC.

Application

For protected fixed installations inside appliances and in or on lighting fittings. However, for signal plants only it should be installed in surface mounted or embedded conduits.

Temperature range

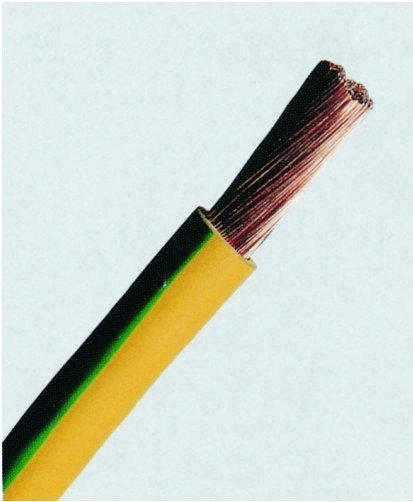
- 5°C till + 70°C

Nominal cross section mm ²	Colours	Price	Copper figure	Cond. construction (approx. value)	Overall diameter ca. mm	Weight ca. kg / km
		EUR / km	kg / km	mm		
H05V-U 300/500 V						
1	bla/blu/br/gr/vio/or/gn/ye/rd/gy	109,94	10,0	1 x 1,20	2,4	14
H05V-K 300/500 V						
0,5	bla/blu/dbl/br	103,29	5,0	16 x 0,21	2,2	10
	gy/gr/lgr/vio/wh/or/gn/ye/rd	105,28	5,0	16 x 0,21	2,2	10
0,75	bla/blu/dbl/br	120,36	7,5	24 x 0,21	2,4	13
	gy/gr/lgr/vio/wh/or/gn/ye/rd	131,20	7,5	24 x 0,21	2,4	13
1	bla/blu/dbl/br	138,63	10,0	32 x 0,21	2,6	16
	gy/gr/lgr/vio/wh/or/gn/ye/rd	150,96	10,0	32 x 0,21	2,6	16

H07V-K (Yf)

PVC Insulated Single Core Wire

according to DIN VDE 0281-3 / ÖVE - K41-3



Construction

Fine-stranded bare copper conductor, core insulation of PVC.

Application

For indoor fixed installations in dry locations in electrical equipment, switchboards and distributors. Should be installed in surface mounted or embedded conduits, for protected fixed installations in or on lighting fittings. Suitable for installations in machines for nominal voltages up to 1.000 V alternating current or up to 750 V to earth direct current. Cannot be used for installations under the wall surface.

Temperature range

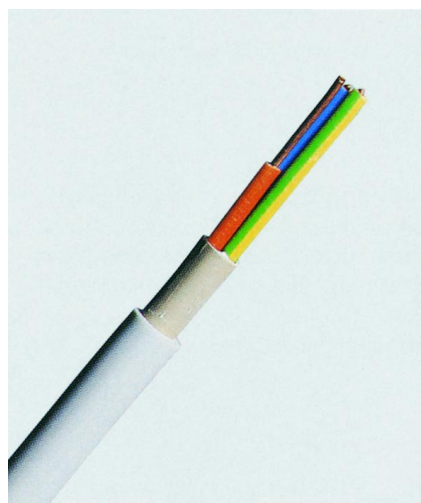
- 5°C till + 70°C

Nominal cross section mm ²	Colours	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
1,5	bla/blu/hbl/dbl/br	182,12	15	30 x 0,26	3,1	23
	gy/gr/lgr/vio/wh/or/gn/ye/rd	204,01	15	30 x 0,26	3,1	23
2,5	bla/blu/dbl/br	286,98	25	50 x 0,26	3,8	35
	gy/gr/lgr/vio/wh/or/gn/ye/rd	305,15	25	50 x 0,26	3,8	35
4	bla/blu/dbl/br	439,26	40	56 x 0,31	4,4	51
	gy/gr/lgr/vio/wh/or/gn/ye/rd	457,28	40	56 x 0,31	4,4	51
6	bla/blu/br	605,70	60	84 x 0,31	5,0	71
	gy/gr/lgr/vio/wh/gn/ye/rd	623,09	60	84 x 0,31	5,0	71
10	bla/blu/br	1.147,77	100	80 x 0,41	6,4	125
	gy/gr/rd	1.207,00	100	80 x 0,41	6,4	125
16	bla/blu/br	1.692,91	160	128 x 0,41	7,2	195
	gy/gr/rd	1.728,12	160	128 x 0,41	7,2	195
25	bla	1.939,46	250	200 x 0,41	9,8	300
	blu/br/gy/rd	2.133,41	250	200 x 0,41	9,8	300
35	bla	2.603,74	350	280 x 0,41	11,0	410
	blu/gy/rd	2.864,11	350	280 x 0,41	11,0	410
50	bla	3.945,28	500	400 x 0,41	13,5	585
	blu/gy	4.339,81	500	400 x 0,41	13,5	585
70	bla	5.738,00	700	356 x 0,51	15,5	810
	gy	6.311,81	700	356 x 0,51	15,5	810
95	bla	7.688,21	950	485 x 0,51	18,0	1065
	gy	8.457,03	950	485 x 0,51	18,0	1065
120	bla	9.295,43	1200	614 x 0,51	20,0	1335
	gy	10.224,97	1200	614 x 0,51	20,0	1335
150	bla	11.891,96	1500	765 x 0,51	23,0	1650
	gy	13.081,15	1500	765 x 0,51	23,0	1650
185	bla	14.591,31	1850	944 x 0,51	25,0	2040
	gy	16.050,44	1850	944 x 0,51	25,0	2040
240	bla	18.685,43	2400	1225 x 0,51	27,0	2620
	gy	20.553,97	2400	1225 x 0,51	27,0	2620

NYM (YM)

PVC Sheathed Wire

according to DIN VDE 0250-204 / ÖVE - K41-4



Construction

Solid or stranded copper conductor, core insulation of PVC, cores are stranded, common core covering, PVC outer sheath.

Application

For installations on, in or under plastering in dry or humid locations, as well as in the open-air. Not suitable for laying directly in earth.

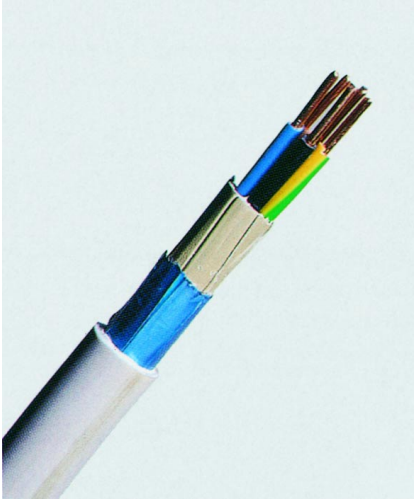
Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	J	O				
NYM 300/500 V						
2 x 1,5		703,46	30	1 x 1,38	8,7	115
2 x 2,5		1.079,11	50	1 x 1,78	9,9	166
2 x 4		1.257,63	80	1 x 2,25	10,8	232
3 x 1,5	577,22	751,69	45	1 x 1,38	8,9	135
3 x 2,5	1.034,11	1.238,65	75	1 x 1,78	10,4	190
3 x 4	1.740,56	2.049,10	120	1 x 2,25	11,5	265
3 x 6	2.358,95		180	1 x 2,76	13,0	360
3 x 10 RE	3.778,67		300	1 x 3,56	16,0	570
4 x 1,5	738,22	926,25	60	1 x 1,38	9,6	160
4 x 2,5	1.426,45	1.646,01	100	1 x 1,78	11,2	230
4 x 4	1.960,73	2.255,58	160	1 x 2,25	13,2	330
4 x 6	2.469,15	2.821,89	240	1 x 2,76	14,8	490
4 x 10 RE	3.754,43	3.780,75	400	1 x 3,56	17,8	690
4 x 10 RM	4.215,61	4.202,52	400	7 x 1,35	18,0	700
4 x 16 RM	6.127,07	6.535,52	640	7 x 1,70	21,8	1080
5 x 1,5	879,48		75	1 x 1,38	10,3	190
5 x 2,5	1.574,62		125	1 x 1,78	12,1	270
5 x 4	2.340,52		200	1 x 2,25	14,7	420
5 x 6	3.704,83		300	1 x 2,76	16,1	550
5 x 10 RE	5.083,27		500	1 x 3,56	19,3	860
5 x 10 RM	5.653,74		500	7 x 1,35	20,0	880
5 x 16 RM	8.034,65		800	7 x 1,70	24,2	1340
7 x 1,5	1.961,25	2.300,06	105	1 x 1,38	11,3	240
10 x 1,5	3.332,78		150	1 x 1,38	14,7	330
12 x 1,5	3.881,70		180	1 x 1,38	16,0	365
7 x 2,5	3.256,45	3.582,18	175	1 x 1,78	14,5	324

(N)YM(St)**PVC Sheathed Wire with Screen (Bio Wire)**

adapted to DIN VDE 0250-204 / ÖVE - K41-4

**Construction**

Solid copper conductor, core insulation of PVC, cores are stranded, common core covering, screen of plastic coated Al-tape with tinned drain wire, PVC outer sheath, grey (RAL 7035).

Application

Suitable where effective limitation of electro-magnetic interference fields is necessary, for installations in humid and wet locations, as well as in brickwork and concrete as a house wiring cable. Limited suitability for installations in open-air or in earth (only in protective conduits). Not suitable in areas with explosion hazard.

Temperature range

- 5°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
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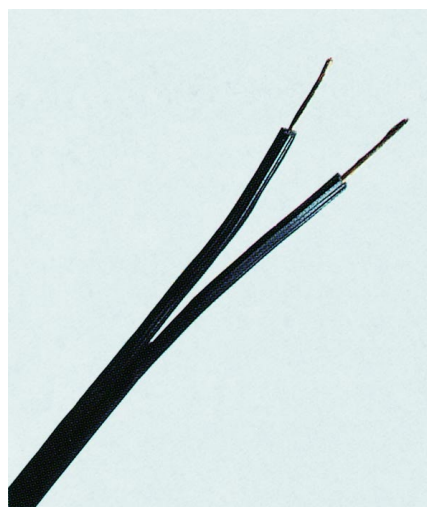
(N)YM(St)-J 300/500 V

3 x 1,5 / 1,5	1.414,04	53	1 x 1,38	10,5	174
4 x 1,5 / 1,5	1.689,34	68	1 x 1,38	11,5	184
5 x 1,5 / 1,5	1.883,84	83	1 x 1,38	12,0	228
7 x 1,5 / 1,5	2.562,52	113	1 x 1,38	13,0	263
3 x 2,5 / 1,5	1.784,16	83	1 x 1,78	12,0	217
4 x 2,5 / 1,5	2.187,54	108	1 x 1,78	13,0	256
5 x 2,5 / 1,5	2.386,91	133	1 x 1,78	13,5	296
5 x 4 / 1,5	3.506,33	208	1 x 2,25	16,5	439
5 x 10 / 1,5	7.208,03	508	1 x 3,56	21,5	841

(H)03VH-H (YZwL)

PVC Twin Wire

adapted to DIN VDE 0281-5 / ÖVE - K41-5



Construction

Fine-stranded bare copper conductor, cores are laid up in parallel and insulated together with PVC, one core insulation is corrugated, cores can be easily divided.

Application

Suitable in dry locations for connections of portable electrical appliances submitted to weak mechanical strength, like radio sets and lighting fittings - but not for heating devices.

Temperature range

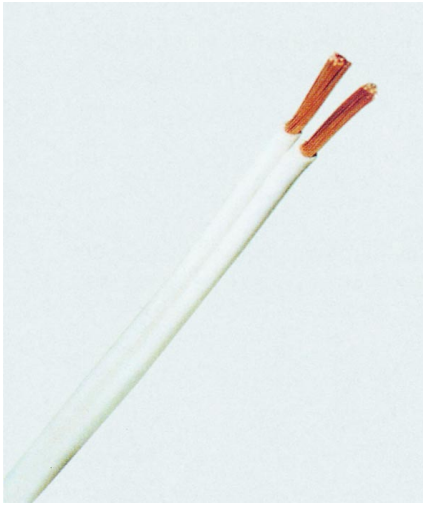
- 5°C till + 70°C

Number of cores and nominal cross section mm²	Colours	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall measures ca. mm	Weight ca. kg / km
H03VH-H 300/300 V						
2 x 0,5	bla/br/wh/gr	250,70	10	30 x 0,16	2,2 x 5,0	22
2 x 0,75	bla/br/wh/gr	288,53	15	40 x 0,16	2,8 x 5,8	26

(N)YFAZ

PVC Twin Wire

adapted to DIN VDE 0250



Construction

Fine-stranded bare copper conductor, cores are laid up in parallel and insulated with PVC, divisible.

Application

Suitable in dry locations for connections of portable power consumers submitted to weak mechanical strength like light electrical hand-held equipment and in and on lighting units.

Temperature range

- 5°C till + 70°C

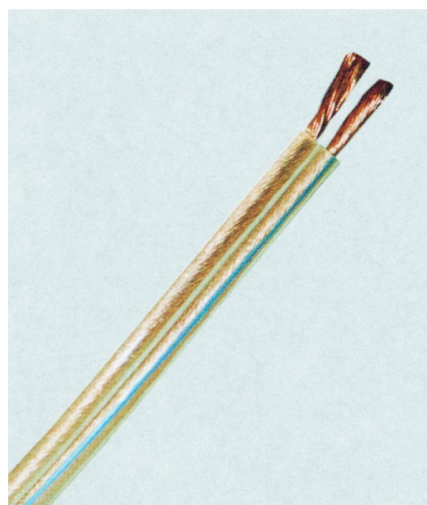
Number of cores and nominal cross section mm ²	Colours	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall measures ca. mm	Weight ca. kg / km
(N)YFAZ 300/300 V						
2 x 0,5	wh	229,72	10	16 x 0,21	2,1 x 4,4	16
2 x 0,75	wh	248,94	15	24 x 0,21	2,3 x 5,0	22
2 x 1,0	wh	426,17	20	30 x 0,21	2,6 x 5,5	28
2 x 1,5	wh	603,40	30	30 x 0,26	2,8 x 6,0	37
2 x 2,5	wh	812,05	50	50 x 0,26	3,6 x 7,5	60
2 x 4	wh	1.433,16	80	56 x 0,31	4,6 x 9,5	101

Other colours on request.

LFZ-XY

PVC Twin Wire (Loudspeaker Wire)

according to Factory standard



Construction

Very fine-stranded bare copper conductor, cores are laid up in parallel and insulated with very soft PVC, cores are identified by a polarisation stripe.

Application

Suitable in dry locations for connections in communication technology, mainly for HIFI applications such as a loudspeaker connecting cable.

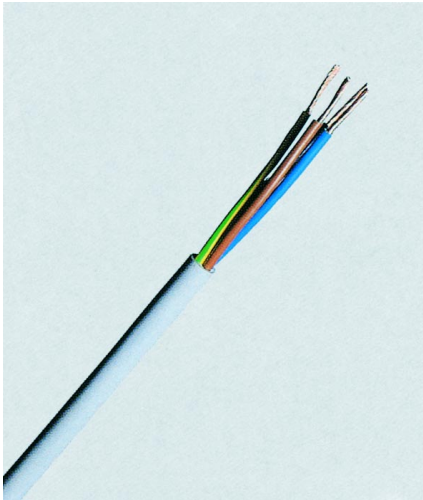
Temperature range

- 5°C till + 70°C

Core number nom. cross section mm ²	Colours	Price EUR / km	Copper figure kg / km	Conductor resistance Ohm/km	Cond. construction (approx. value) mm	Overall measures ca. mm	Weight ca. kg / km
LFZ-XY 300/300 V							
2 x 1,5	tra	877,62	30	23,0	189 x 0,10	3,1 x 6,5	41
2 x 2,5	tra	1.267,67	50	14,0	322 x 0,10	3,6 x 7,5	61
2 x 4,0	tra	2.067,20	80	9,0	513 x 0,10	5,0 x 10,2	104
2 x 6,0	tra	3.120,15	120	6,0	783 x 0,10	6,1 x 12,5	156
2 x 10,0	tra	5.313,93	200	3,5	1292 x 0,10	7,0 x 15,0	250

H03VV-F (YML)
A03VV-F (YML)
H03VVH2-F (YML fl.)

PVC Sheathed Wire
PVC Sheathed Wire Flat
 according to DIN VDE 0281-5 / ÖVE - K41-5



Construction

Fine-stranded bare copper conductor, cores are insulated and sheathed with PVC, round or flat design.

Application

Suitable in dry locations for connections of portable electrical appliances submitted to weak mechanical strength, like radio sets and lighting fittings - but not for heating devices.

Temperature range

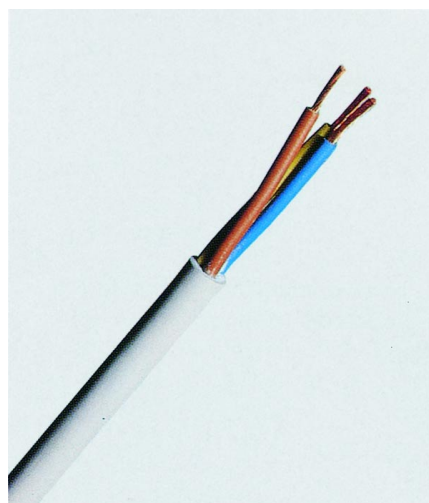
- 5°C till + 70°C

Core number and nom. cross section mm ²	Colours	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall measures ca. mm	Weight ca. kg / km
H03VV-F 300/300 V						
2 x 0,5	lgr	332,60	10,0	16 x 0,21	5,0	38
3 G 0,5	lgr	408,48	15,0	16 x 0,21	5,3	44
	wh	449,32	15,0	16 x 0,21	5,3	44
4 G 0,5	lgr	616,00	20,0	16 x 0,21	5,5	46
2 x 0,75	lgr/wh/bla	377,22	15,0	24 x 0,21	5,2	48
	br	414,94	15,0	24 x 0,21	5,2	48
3 G 0,75	lgr/wh	469,22	22,5	24 x 0,21	5,5	57
	bla/br/gd	516,14	22,5	24 x 0,21	5,5	57
4 G 0,75	lgr	568,90	30,0	24 x 0,21	6,0	65
	wh/bla/br	625,79	30,0	24 x 0,21	6,0	65
A03VV-F 300/300 V						
5 G 0,75	lgr	766,56	37,5	24 x 0,21	6,8	82
	bla/wh	843,21	37,5	24 x 0,21	6,8	82
2 x 1	lgr	456,03	20,0	30 x 0,21	5,5	55
	wh/br	501,63	20,0	30 x 0,21	5,5	55
3 G 1	lgr/wh	659,17	30,0	30 x 0,21	6,0	60
	bla/br	725,09	30,0	30 x 0,21	6,0	60
4 G 1	lgr	766,19	40,0	30 x 0,21	6,5	72
	wh/bla	842,80	40,0	30 x 0,21	6,5	72
H03VVH2-F 300/300 V						
2 x 0,75	bla	306,40	15,0	24 x 0,21	4,4 x 5,6	33
	lgr/wh/br	337,07	15,0	24 x 0,21	4,4 x 5,6	33

H05VV-F (YMM)
A05VV-F (YMM)

PVC Sheathed Wire

according to DIN VDE 0281-5 / ÖVE - K41-5



Construction

Fine-stranded bare copper conductor, cores are insulated with PVC and stranded, outer sheath of PVC.

Application

Suitable in dry, humid and wet locations for connections of electrical appliances submitted to medium-level mechanical strength, like washing machines, refrigerators, etc. Suitable for heating appliances provided that there is no risk of contact with hot parts.

Temperature range

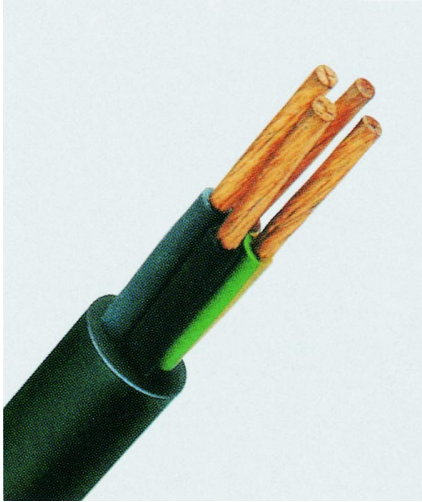
- 5°C till + 70°C

Core number and nom. cross section mm ²	Colours	Price figure EUR / km	Copper (approx. value) kg / km	Cond. construction diameter mm	Overall ca. ca. mm	Weight kg / km
H05VV-F 300/500 V						
2 x 0,75	lgr/wh/bla	475,05	15,0	24 x 0,21	6,4	58
2 x 1	lgr	521,47	20,0	30 x 0,21	6,8	67
	wh/bla	573,49	20,0	30 x 0,21	6,8	67
2 x 1,5	lgr	630,77	30,0	30 x 0,26	7,8	89
	wh/bla	700,67	30,0	30 x 0,26	7,8	89
2 x 2,5	lgr	1.054,68	50,0	50 x 0,26	9,1	134
	bla	1.171,72	50,0	50 x 0,26	9,1	134
3 G 0,75	lgr	563,96	22,5	24 x 0,21	7,0	64
	bla	910,33	22,5	24 x 0,21	7,0	64
3 G 1	lgr/wh	616,36	30,0	30 x 0,21	7,2	80
	bla/br	678,00	30,0	30 x 0,21	7,2	80
3 G 1,5	lgr	739,05	45,0	30 x 0,26	8,0	120
	wh/bla/br	813,47	45,0	30 x 0,26	8,0	120
3 G 2,5	lgr	1.265,80	75,0	50 x 0,26	9,7	175
	bla	1.392,17	75,0	50 x 0,26	9,7	175
4 G 0,75	lgr/wh/bla	835,36	30,0	24 x 0,21	7,4	79
4 G 1	lgr	863,74	40,0	30 x 0,21	7,8	94
	wh/bla	949,88	40,0	30 x 0,21	7,8	94
4 G 1,5	lgr	934,20	60,0	30 x 0,26	9,2	130
	wh/bla	1.037,09	60,0	30 x 0,26	9,2	130
4 G 2,5	lgr	1.610,12	100,0	50 x 0,26	11,0	200
	bla	1.770,39	100,0	50 x 0,26	11,0	200
4 G 4	lgr	2483,95	160,0	56 x 0,31	12,5	280
5 G 0,75	lgr/wh/bla	1.007,89	37,5	24 x 0,21	8,3	100
5 G 1	lgr	1.007,54	50,0	30 x 0,21	8,6	120
	wh/bla	1.108,17	50,0	30 x 0,21	8,6	120
5 G 1,5	lgr	1.134,38	75,0	30 x 0,26	10,5	170
	wh/bla	1.247,32	75,0	30 x 0,26	10,5	170
5 G 2,5	lgr	1.932,36	125,0	50 x 0,26	12,5	250
	wh/bla	2.124,76	125,0	50 x 0,26	12,5	250
5 G 4	lgr	3.445,28	200,0	56 x 0,31	14,0	350
A05VV-F 300/500 V						
7 G 1	lgr	1.686,78	70,0	30 x 0,21	9,0	150
7 G 1,5	lgr/bla	1.943,25	105,0	30 x 0,26	10,4	196
7 G 2,5	lgr	2.910,42	175,0	50 x 0,26	13,1	315
10 G 1,5	lgr	2.781,73	150,0	30 x 0,26	14,0	305
5 G 6	lgr	5.275,53	300,0	84 x 0,31	16,5	480

YMS

PVC Sheathed Wire

adapted to DIN VDE 0281-5 / ÖVE - K41-5



Construction

Fine-stranded bare copper conductor, cores are insulated with PVC and stranded, reinforced outer sheath of PVC, black or light grey (RAL 7035).

Application

For strong mechanical stress in dry and humid locations as well as outdoors.

Temperature range

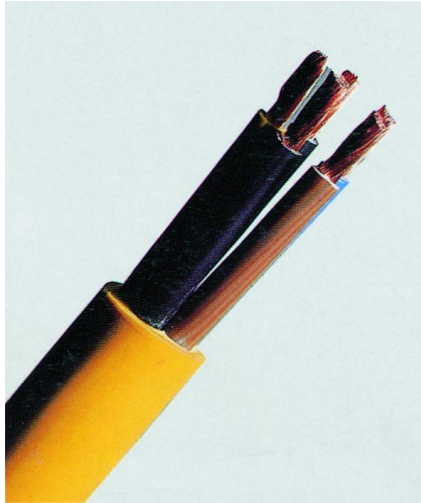
- 5°C till + 70°C

Core number and nom. cross section mm ²	Colours	Price		Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
		EUR / km					
YMS 450/750 V		J	O				
2 x 1,5	bla		1.081,48	30	30 x 0,26	10,0	109
3 x 1,5	bla	1.335,33	1.468,81	45	30 x 0,26	10,5	150
3 x 2,5	bla	1.703,24	1.873,39	75	50 x 0,26	12,0	210
4 x 1,5	bla	1.560,65	1.716,54	60	30 x 0,26	11,5	180
4 x 2,5	bla	2.101,63	2.311,57	100	50 x 0,26	13,0	250
4 x 4	bla	3.157,73	3.473,58	160	56 x 0,31	14,5	350
4 x 6	bla	4.475,37	4.922,81	240	84 x 0,31	16,5	470
4 x 10	bla	6.712,90	7.384,11	400	80 x 0,41	20,0	750
4 x 16	bla	9.817,52	10.799,29	640	128 x 0,41	25,0	1150
5 x 1,5	bla	2.000,25	2.200,22	75	30 x 0,26	12,5	210
5 x 2,5	bla	2.850,62	3.135,53	125	50 x 0,26	14,0	300
5 x 4	bla/lgr	4.106,98	4.517,68	200	56 x 0,31	16,0	430
5 x 6	bla/lgr	5.362,52	5.898,72	300	84 x 0,31	18,5	580
5 x 10	bla/lgr	9.385,02	10.323,41	500	80 x 0,41	22,0	900
5 x 16	bla	13.413,02	14.754,32	800	128 x 0,41	27,0	1340

XYMM K35

PVC Building Site Cable

adapted to ÖVE-K41



Construction

Fine-stranded copper conductors, core insulation of cold-resistant PVC, cores are stranded, outer sheath of PVC, which is flexible to cold temperatures.

Application

This cable is suitable for connecting electrical equipment particularly on building sites. It is used in dry and damp locations, outdoors and in areas with explosion hazard.

Temperature range

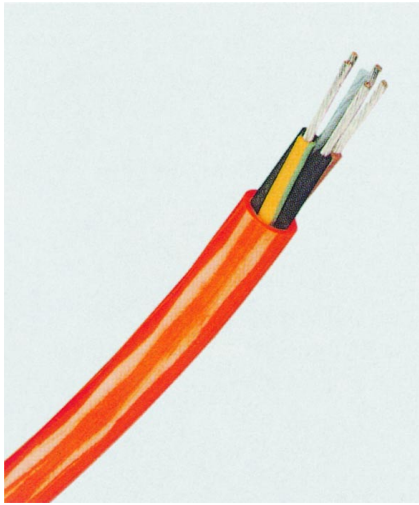
In motion - 35°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
XYMM-J 450/750 V K35					
3 x 1,5	1.157,72	1.080,70	45	30 x 0,26	9,7
3 x 2,5	2.336,04	2.180,70	75	50 x 0,26	11,5
3 x 4	3.466,83	3.236,40	120	56 x 0,31	13,3
4 x 1,5	1.478,05	1.380,20	60	30 x 0,26	10,7
4 x 2,5	2.834,56	2.645,80	100	50 x 0,26	12,5
4 x 4	4.378,53	4.087,90	160	56 x 0,31	14,5
4 x 6	6.894,82	6.437,00	240	84 x 0,31	17,0
4 x 10	10.343,26	9.655,60	400	80 x 0,41	22,3
4 x 16	15.126,58	14.120,70	640	128 x 0,41	25,5
5 x 1,5	1.939,49	1.810,50	75	30 x 0,26	11,6
5 x 2,5	3.569,98	3.332,90	125	50 x 0,26	13,6
5 x 4	5.660,88	5.284,30	200	56 x 0,31	16,0
5 x 6	8.319,31	7.766,60	300	84 x 0,31	19,0
5 x 10	12.109,71	11.305,00	500	80 x 0,41	24,7
5 x 16	17.308,12	16.157,50	800	128 x 0,41	28,3

H05BQ-F
H07BQ-F
07BQ-F

**Polyurethane Building Site Cable
with Rubber Insulated Conductors**

according to DIN VDE 0282-10



Construction

Fine-stranded tinned or bare copper conductors, core insulation of rubber compound EI 6, cores are stranded, common core covering, polyurethane outer sheath (11YM1), orange, oil resistant.

Application

This termination and connection cable with high mechanical stress-resistance can be used in dry, damp or wet rooms as well as in the open-air. It is ideal for application in industrial plants, building sites, in fact everywhere where extreme wear and tear resistance is required and where the cable is subjected to hard utilisation.

Temperature range

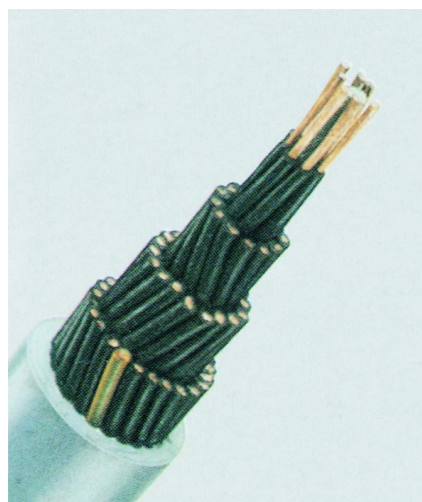
In motion - 30°C till + 80°C
For fixed installation - 40°C till + 80°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H05BQ-F 300/500 V					
2 x 0,75	1.586,84	15,0	24 x 0,21	6,5	50
3 G 0,75	1.700,26	22,5	24 x 0,21	7,0	60
4 G 0,75	1.983,92	30,0	24 x 0,21	7,6	75
5 G 0,75	2.454,25	37,5	24 x 0,21	8,5	95
2 x 1	1.671,07	20,0	30 x 0,21	7,0	60
3 G 1	1.798,39	30,0	30 x 0,21	7,5	75
4 G 1	2.236,47	40,0	30 x 0,21	8,1	90
5 G 1	2.764,70	50,0	30 x 0,21	9,0	110
H07BQ-F 450/750 V					
2 x 1,5	2.036,79	30,0	30 x 0,26	8,5	85
3 G 1,5	2.291,69	45,0	30 x 0,26	9,0	105
4 G 1,5	2.928,48	60,0	30 x 0,26	10,0	135
5 G 1,5	3.278,76	75,0	30 x 0,26	11,0	165
3 G 2,5	3.537,04	75,0	50 x 0,26	10,5	155
4 G 2,5	4.079,98	100,0	50 x 0,26	11,8	200
5 G 2,5	5.243,61	125,0	50 x 0,26	13,1	245
4 G 4	6.657,44	160,0	56 x 0,31	13,0	275
5 G 4	8.572,16	200,0	56 x 0,31	14,0	350
4 G 6	8.958,59	240,0	84 x 0,31	15,5	380
5 G 6	11.703,23	300,0	84 x 0,31	17,2	485
5 G 10	16.264,29	500,0	80 x 0,41	23,2	962
5 G 16	22.564,98	800,0	128 x 0,41	27,1	1379
07BQ-F 450/750 V					
7 G 1,5	7.714,44	105,0	30 x 0,26	14,0	291
12 G 1,5	13.947,63	180,0	30 x 0,26	18,0	446
7 G 2,5	10.308,06	175,0	50 x 0,26	16,5	431
12 G 2,5	17.414,66	300,0	50 x 0,26	21,0	641

YSLY (LSYY)

PVC Control Cable

adapted to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of PVC, there is a green-yellow core in the outside layer, (not in OZ - types), all the other cores are black with consecutive white numbers (starting with 1 inside). Cores are stranded in layers, PVC outer sheath, grey (RAL 7001), increased oil resistant.

Application

In dry and damp locations for low and medium-level mechanical stress, but not in the open-air. To be used as a termination and connection cable in the control, measuring and signal technology. Suitable as a signal and impulse cable for control and inspection of industrial plants, production lines and machinery.

Temperature range

In motion - 5°C till + 70°C

For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLY 300/500 V	JZ	OZ				
2 x 0,5		423,33	10,0	16 x 0,21	4,8	35
3 x 0,5	482,64	530,90	15,0	16 x 0,21	5,1	41
4 x 0,5	585,88	644,50	20,0	16 x 0,21	5,7	49
5 x 0,5	699,10	769,00	25,0	16 x 0,21	6,2	60
7 x 0,5	991,89	1.091,10	35,0	16 x 0,21	6,7	77
10 x 0,5	1.781,90	1.960,00	50,0	16 x 0,21	8,6	114
12 x 0,5	1.920,95	2.113,10	60,0	16 x 0,21	8,9	128
14 x 0,5	2.136,22		70,0	16 x 0,21	9,5	149
16 x 0,5	2.584,27		80,0	16 x 0,21	10,0	164
18 x 0,5	2.702,72		90,0	16 x 0,21	10,5	185
21 x 0,5	3.159,01		105,0	16 x 0,21	11,7	219
25 x 0,5	3.821,30		125,0	16 x 0,21	12,6	256
30 x 0,5	4.151,93		150,0	16 x 0,21	13,5	310
34 x 0,5	4.712,25		170,0	16 x 0,21	14,3	331
40 x 0,5	5.244,76		200,0	16 x 0,21	15,2	409
50 x 0,5	7.392,31		250,0	16 x 0,21	17,2	510
61 x 0,5	8.743,67		305,0	16 x 0,21	18,5	595
2 x 0,75		449,69	15,0	24 x 0,21	5,3	42
3 x 0,75	538,88	592,80	22,5	24 x 0,21	5,5	50
4 x 0,75	668,47	735,30	30,0	24 x 0,21	6,2	64
5 x 0,75	832,24	915,50	37,5	24 x 0,21	6,7	77
7 x 0,75	1.118,58	1.230,40	52,5	24 x 0,21	7,4	99
10 x 0,75	1.840,61	2.024,70	75,0	24 x 0,21	9,4	148
12 x 0,75	2.047,64	2.252,40	90,0	24 x 0,21	9,7	165
15 x 0,75	2.601,78		112,5	24 x 0,21	10,9	210
18 x 0,75	2.805,72		135,0	24 x 0,21	11,8	240
21 x 0,75	3.541,14		157,5	24 x 0,21	12,8	282
25 x 0,75	4.045,84		187,5	24 x 0,21	13,9	333
34 x 0,75	5.198,41		255,0	24 x 0,21	15,9	435
41 x 0,75	7.354,20		307,5	24 x 0,21	17,4	535
42 x 0,75	8.055,10		315,0	24 x 0,21	17,8	547
50 x 0,75	8.900,23		375,0	24 x 0,21	19,8	643
61 x 0,75	10.362,83		457,5	24 x 0,21	20,5	749
80 x 0,75	13.992,55		600,0	24 x 0,21	23,6	1005

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLY 300/500 V	JZ	OZ				
2 x 1 *		512,94	20	32 x 0,21	5,5	50
3 x 1 *	620,68	682,70	30	32 x 0,21	5,9	61
4 x 1 *	771,35	848,50	40	32 x 0,21	6,5	75
5 x 1 *	945,54	1.040,10	50	32 x 0,21	7,1	95
7 x 1	1.348,27	1.483,10	70	32 x 0,21	8,0	114
10 x 1	2.132,10		100	32 x 0,21	10,2	179
12 x 1	2.297,93		120	32 x 0,21	10,5	211
14 x 1	2.646,07		140	32 x 0,21	11,0	244
16 x 1	3.043,65		160	32 x 0,21	11,8	280
18 x 1	3.440,20		180	32 x 0,21	12,7	303
21 x 1	4.168,41		210	32 x 0,21	13,7	339
25 x 1	4.655,60		250	32 x 0,21	14,7	395
34 x 1	6.170,73		340	32 x 0,21	17,0	536
41 x 1	7.404,10		410	32 x 0,21	18,9	674
50 x 1	9.239,10		500	32 x 0,21	20,7	823
61 x 1	11.037,48		610	32 x 0,21	22,2	951
2 x 1,5 *		617,71	30	30 x 0,26	6,3	63
3 x 1,5 *	762,36	838,60	45	30 x 0,26	6,6	79
4 x 1,5 *	978,11	1.075,90	60	30 x 0,26	7,3	98
5 x 1,5 *	1.207,16	1.327,90	75	30 x 0,26	8,1	123
7 x 1,5	1.612,98	1.774,30	105	30 x 0,26	8,9	161
8 x 1,5	2.082,45		120	30 x 0,26	10,6	188
10 x 1,5	2.553,37		150	30 x 0,26	11,3	237
12 x 1,5	2.949,92		180	30 x 0,26	11,8	277
14 x 1,5	3.574,10		210	30 x 0,26	12,6	319
16 x 1,5	3.899,58		240	30 x 0,26	13,4	364
18 x 1,5	4.250,81		270	30 x 0,26	14,2	411
21 x 1,5	5.383,81		315	30 x 0,26	15,4	476
25 x 1,5	5.529,04		375	30 x 0,26	16,7	566
26 x 1,5	5.722,80		390	30 x 0,26	17,3	584
32 x 1,5	7.508,60		480	30 x 0,26	18,7	717
34 x 1,5	7.821,82		510	30 x 0,26	19,4	741
41 x 1,5	8.697,60		615	30 x 0,26	21,3	897
42 x 1,5	9.526,47		630	30 x 0,26	21,6	933
50 x 1,5	11.789,38		750	30 x 0,26	23,5	1102
61 x 1,5	13.978,13		915	30 x 0,26	25,2	1328
2 x 2,5		1.027,94	50	48 x 0,26	7,6	101
3 x 2,5 *	1.180,38	1.298,40	75	48 x 0,26	8,2	127
4 x 2,5 *	1.445,63		100	48 x 0,26	9,0	160
5 x 2,5 *	1.827,53		125	48 x 0,26	10,0	197
7 x 2,5	2.494,66	2.744,10	175	48 x 0,26	11,1	256
10 x 2,5	4.203,43		250	48 x 0,26	14,3	379
12 x 2,5	4.689,59		300	48 x 0,26	14,8	447
16 x 2,5	6.187,21		400	48 x 0,26	16,7	603
18 x 2,5	7.163,65		450	48 x 0,26	17,8	657
25 x 2,5	9.797,36		625	48 x 0,26	21,1	887
34 x 2,5	13.090,27		850	48 x 0,26	24,6	1231
2 x 4		1.862,40	80	56 x 0,31	9,0	138
3 x 4 *	2.280,42		120	56 x 0,31	9,7	181
4 x 4 *	2.470,97		160	56 x 0,31	10,7	230
5 x 4 *	3.110,60		200	56 x 0,31	11,8	287
7 x 4	4.286,86		280	56 x 0,31	13,1	375

* it is also available with coloured cores

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	JZ	OZ				
YSLY 300/500 V						
2 x 6		2.814,10	120	84 x 0,31	10,7	212
3 x 6	3.121,93		180	84 x 0,31	11,5	272
4 x 6 *	3.505,09		240	84 x 0,31	12,8	353
5 x 6 *	4.151,93		300	84 x 0,31	14,2	431
7 x 6	6.162,49		420	84 x 0,31	15,7	561
4 x 10 *	6.131,59		400	80 x 0,41	16,2	593
5 x 10 *	9.675,82		500	80 x 0,41	18,1	783
7 x 10	11.483,47		700	80 x 0,41	20,0	1080
4 x 16 *	8.957,91		640	128 x 0,41	19,1	897
5 x 16 *	12.424,89		800	128 x 0,41	21,5	1117
7 x 16	16.753,98		1120	128 x 0,41	23,5	1768
4 x 25 *	15.034,91		1000	200 x 0,41	23,5	1314
5 x 25 *	20.390,91		1250	200 x 0,41	26,2	1648
7 x 25	27.695,67		1750	200 x 0,41	29,0	2187
4 x 35 *	20.756,56		1400	280 x 0,41	26,4	1807
5 x 35 *	26.572,97		1750	280 x 0,41	29,6	2219
4 x 50 **	30.780,52		2000	400 x 0,41	31,8	2557
4 x 70 **	42.680,11		2800	350 x 0,51	36,2	3489
4 x 95 **	54.024,20		3800	485 x 0,51	42,1	4501
4 x 120 **	62.124,50		4800	580 x 0,51	46,5	5673

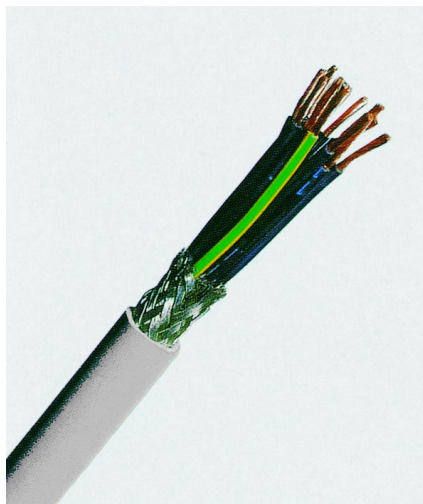
* it is also available with coloured cores

** it is only available with coloured cores, the type with black insulation and white number marking on request

YSLCY (LSYCVY)

PVC Control Cable with Copper Braiding

adapted to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors, core insulation of PVC, there is a green-yellow core in the outside layer, (not in OZ - types), all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers and wrapped in a plastic foil, braiding of tinned copper round wires, PVC outer sheath, grey (RAL 7001), increased oil resistant.

Application

Suitable as a signal and impulse cable in the control, measuring and signal technology. The copper braiding optimises protection against external interferences, like electromagnetic fields and stray frequencies.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLCY 300/500 V	JZ		OZ			
2 x 0,5			1.258,66	36	16 x 0,21	45
3 x 0,5	1.333,85		1.367,00	43	16 x 0,21	55
4 x 0,5	1.511,01		1.552,38	49	16 x 0,21	73
5 x 0,5	1.688,17		1.746,57	57	16 x 0,21	91
7 x 0,5	2.160,94		2.238,94	69	16 x 0,21	127
12 x 0,5	3.323,81		3.503,82	104	16 x 0,21	208
18 x 0,5	4.016,06		4.244,96	141	16 x 0,21	261
25 x 0,5	5.283,90		5.606,30	211	16 x 0,21	354
2 x 0,75			1.332,82	43	24 x 0,21	56
3 x 0,75	1.500,71		1.548,07	52	24 x 0,21	70
4 x 0,75	1.685,08		1.746,97	61	24 x 0,21	96
5 x 0,75	1.883,87		1.960,83	72	24 x 0,21	157
7 x 0,75	2.387,54		2.492,24	89	24 x 0,21	168
10 x 0,75	3.546,29			121	24 x 0,21	217
12 x 0,75	3.961,38		4.162,51	138	24 x 0,21	231
18 x 0,75	5.312,74		5.593,38	211	24 x 0,21	314
21 x 0,75	5.988,42		6.329,36	237	24 x 0,21	382
25 x 0,75	6.888,64		7.274,40	280	24 x 0,21	434
34 x 0,75	8.657,15			346	24 x 0,21	529
2 x 1			1.383,29	51	32 x 0,21	83
3 x 1	1.610,92		1.663,33	62	32 x 0,21	111
4 x 1	1.885,93		1.953,57	74	32 x 0,21	131
5 x 1	2.160,94		2.254,73	88	32 x 0,21	155
7 x 1	2.760,40		2.880,33	112	32 x 0,21	190
12 x 1	4.380,59		4.601,75	185	32 x 0,21	286
18 x 1	5.779,33		6.120,37	268	32 x 0,21	393
25 x 1	7.357,29		7.818,31	354	32 x 0,21	658
34 x 1	9.297,81		9.909,27	458	32 x 0,21	759
50 x 1	13.588,79		14.486,67	671	32 x 0,21	994

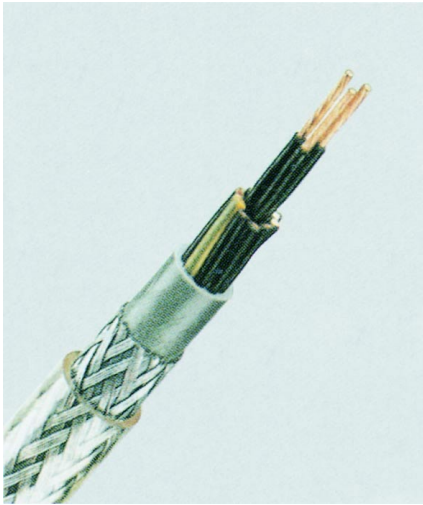
Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLCY 300/500 V	JZ	OZ				
2 x 1,5		1.692,29	65	30 x 0,26	7,1	97
3 x 1,5	1.920,95	1.986,68	82	30 x 0,26	7,6	124
4 x 1,5	2.263,94	2.348,71	100	30 x 0,26	8,2	166
5 x 1,5	2.606,93	2.715,69	119	30 x 0,26	9,0	192
7 x 1,5	3.292,91	3.434,69	154	30 x 0,26	9,8	245
12 x 1,5	4.932,67	5.225,07	268	30 x 0,26	13,0	365
18 x 1,5	6.553,89	6.959,61	373	30 x 0,26	15,5	556
25 x 1,5	8.393,47	8.935,96	530	30 x 0,26	18,0	737
34 x 1,5	11.828,52	12.567,56	686	30 x 0,26	20,9	966
50 x 1,5	16.456,31	17.530,41	1001	30 x 0,26	24,8	1342
2 x 2,5		2.501,87	92	50 x 0,26	8,5	161
3 x 2,5	2.745,98	2.850,81	118	50 x 0,26	9,0	187
4 x 2,5	3.075,58		147	50 x 0,26	9,9	241
5 x 2,5	3.405,18		176	50 x 0,26	11,0	274
7 x 2,5	4.486,68		253	50 x 0,26	12,0	344
12 x 2,5	7.004,00		408	50 x 0,26	15,9	407
4 x 4	5.644,40		248	56 x 0,31	11,6	307
5 x 4	6.059,49		288	56 x 0,31	12,8	373
4 x 6	6.679,55		343	84 x 0,31	14,0	402
5 x 6	7.833,15		403	84 x 0,31	15,5	506
4 x 10	11.595,74		535	80 x 0,41	17,2	747
5 x 10	12.915,17		635	80 x 0,41	19,3	861
4 x 16	16.386,27		800	128 x 0,41	20,0	1041
5 x 16 *	19.776,00		960	128 x 0,41	22,2	1289
4 x 25	27.181,30		1280	200 x 0,41	24,7	1460
5 x 25 *	28.540,40		1530	200 x 0,41		1840

* core colours according to VDE 0293 (coloured)

YSLYQY (LSYYQvY)

PVC Control Cable with Steel Wire Braiding

adapted to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors, core insulation of PVC, there is a green-yellow core in the outside layer, (not in OZ - types), all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers, inner sheath of PVC, braiding of galvanised steel wires, PVC outer sheath, transparent, increased oil resistant.

Application

Used as a power and control cable with increased mechanical stress-resistance for rough operating conditions. This cable is also suitable for fixed installations in vehicles, machines and hoists, etc.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

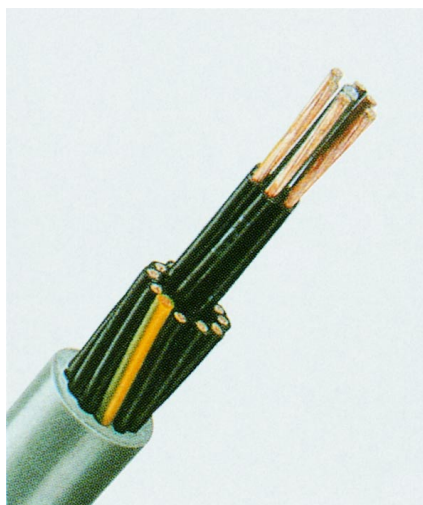
Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	JZ	OZ				
YSLYQY 300/500 V	JZ	OZ				
3 x 0,5			15,0	16 x 0,21	9,2	128
4 x 0,5			20,0	16 x 0,21	9,7	144
5 x 0,5			25,0	16 x 0,21	10,2	158
7 x 0,5			35,0	16 x 0,21	10,8	185
10 x 0,5			50,0	16 x 0,21	12,7	249
12 x 0,5			60,0	16 x 0,21	13,0	268
16 x 0,5			80,0	16 x 0,21	14,0	318
21 x 0,5			105,0	16 x 0,21	15,6	385
25 x 0,5			125,0	16 x 0,21	17,6	459
30 x 0,5			150,0	16 x 0,21	18,5	500
34 x 0,5			170,0	16 x 0,21	19,6	582
40 x 0,5			220,0	16 x 0,21	21,9	712
50 x 0,5			250,0	16 x 0,21	23,1	803
61 x 0,5			305,0	16 x 0,21	24,2	911
2 x 0,75		1.231,30	15,0	24 x 0,21	9,5	129
3 x 0,75	1.333,10		22,5	24 x 0,21	9,8	138
4 x 0,75	1.438,50		30,0	24 x 0,21	10,4	163
5 x 0,75	1.575,30		37,5	24 x 0,21	11,0	187
7 x 0,75	2.008,20		52,5	24 x 0,21	11,7	215
10 x 0,75	3.040,40		75,0	24 x 0,21	13,9	294
12 x 0,75	3.132,40		90,0	24 x 0,21	14,2	322
18 x 0,75	4.066,30		135,0	24 x 0,21	16,5	444
21 x 0,75	4.913,60		157,5	24 x 0,21	17,4	486
25 x 0,75	5.313,10		187,5	24 x 0,21	19,8	587
32 x 0,75	6.301,60		240,0	24 x 0,21	21,0	664
40 x 0,75	7.389,20		300,0	24 x 0,21	22,8	764
50 x 0,75	9.299,30		375,0	24 x 0,21	25,6	1109
61 x 0,75	10.374,10		457,5	24 x 0,21	26,9	1152

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLYQY 300/500 V	JZ	OZ				
2 x 1		1.355,10	20,0	32 x 0,21	9,9	143
3 x 1	1.436,20		30,0	32 x 0,21	10,3	158
4 x 1	1.780,40		40,0	32 x 0,21	10,9	181
5 x 1	1.894,80		50,0	32 x 0,21	11,6	208
7 x 1	2.366,60		70,0	32 x 0,21	12,3	254
10 x 1	3.162,10		100,0	32 x 0,21	14,7	341
12 x 1	3.497,50		120,0	32 x 0,21	15,1	381
14 x 1	3.635,20		140,0	32 x 0,21	16,1	416
16 x 1	4.190,10		160,0	32 x 0,21	16,8	456
18 x 1	4.338,90		180,0	32 x 0,21	17,9	502
25 x 1	5.918,40		250,0	32 x 0,21	21,1	667
34 x 1	7.414,40		340,0	32 x 0,21	23,9	880
50 x 1	10.055,40		500,0	32 x 0,21	28,1	1155
61 x 1	11.952,50		610,0	32 x 0,21	29,5	1360
2 x 1,5		1.347,70	30	30 x 0,26	10,7	175
3 x 1,5	1.580,40		45	30 x 0,26	11,1	198
4 x 1,5	1.773,80		60	30 x 0,26	11,8	228
5 x 1,5	2.041,80		75	30 x 0,26	12,7	276
7 x 1,5	2.454,40		105	30 x 0,26	13,5	324
12 x 1,5	3.786,70		180	30 x 0,26	17,5	494
18 x 1,5	4.913,70		270	30 x 0,26	20,3	682
25 x 1,5	6.803,60		375	30 x 0,26	24,3	942
32 x 1,5	8.524,20		480	30 x 0,26	25,9	1111
34 x 1,5	9.037,00		510	30 x 0,26	26,7	1177
50 x 1,5	12.212,70		750	30 x 0,26	31,4	1609
61 x 1,5	13.970,40		915	30 x 0,26	33,9	1869
2 x 2,5		1.991,80	50	50 x 0,26	12,1	239
3 x 2,5	2.081,20		75	50 x 0,26	12,6	272
4 x 2,5	2.450,80		100	50 x 0,26	13,5	319
5 x 2,5	2.790,80		125	50 x 0,26	14,6	382
7 x 2,5	3.727,10		175	50 x 0,26	16,0	465
10 x 2,5	4.954,70		250	50 x 0,26	20,3	647
12 x 2,5	5.675,70		300	50 x 0,26	20,8	716
18 x 2,5	8.062,20		450	50 x 0,26	24,6	1027
25 x 2,5	10.477,30		625	50 x 0,26	29,4	1336
4 x 4	3.363,00		160	56 x 0,31	16,1	463
5 x 4	4.150,50		200	56 x 0,31	17,8	549
7 x 4	5.146,40		280	56 x 0,31	19,5	681
4 x 6	4.699,10		240	84 x 0,31	18,8	569
5 x 6	5.235,70		300	84 x 0,31	20,3	706
7 x 6	7.078,40		420	84 x 0,31	22,7	907
4 x 10	7.025,50		400	80 x 0,41	23,2	967
5 x 10	8.553,60		500	80 x 0,41	25,2	1153
7 x 10	12.229,80		700	80 x 0,41	28,5	1193
4 x 16	9.809,40		640	128 x 0,41	25,9	1317
5 x 16	11.526,10		800	128 x 0,41	29,0	1575
7 x 16	14.500,90		1120	128 x 0,41	31,3	1938
4 x 25	16.959,00		1000	200 x 0,41	32,2	2060
5 x 25	21.735,60		1250	200 x 0,41	36,0	2400
4 x 35	22.562,50		1400	280 x 0,41	36,0	2550
5 x 35	27.535,10		1750	280 x 0,41	39,0	3000
4 x 50	30.939,50		2000	400 x 0,41	43,0	3600
4 x 70	40.440,40		2800	356 x 0,51	47,0	4600

H05VV5-F

PVC Control Cable Oil Resistant

according to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of soft PVC, compound type YI2 according to VDE 0207 part 4, there is a green-yellow core in the outside layer, all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers with adjusted twisting (no central core), outer sheath of soft oil resistant PVC, compound type YM2 according to VDE 0207 part 5, grey (RAL 7001).

Application

In dry and damp locations for low and medium-level mechanical stress, but not in the open-air. To be used as a termination and connection cable in the control, measuring and signal technology. Suitable as a signal and impulse cable for control and inspection of industrial plants, production lines and machinery.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H05VV5-F 300/500 V					
2 x 0,75 *	483,20	15,0	24 x 0,21	6,0	52
3 G 0,75	615,30	22,5	24 x 0,21	7,0	62
4 G 0,75	765,30	30,0	24 x 0,21	7,6	78
5 G 0,75	1.095,70	37,5	24 x 0,21	8,9	105
7 G 0,75	1.648,20	52,5	24 x 0,21	10,6	150
12 G 0,75	2.308,60	90,0	24 x 0,21	12,8	213
18 G 0,75	3.097,90	135,0	24 x 0,21	15,0	301
25 G 0,75	4.710,20	187,5	24 x 0,21	18,4	462
34 G 0,75	6.058,10	255,0	24 x 0,21	21,2	625
50 G 0,75	8.693,70	375,0	24 x 0,21	24,6	845
61 G 0,75	10.533,00	457,5	24 x 0,21	27,8	1030
2 x 1 *	616,40	20,0	32 x 0,21	6,2	63
3 G 1	720,40	30,0	32 x 0,21	7,3	74
4 G 1	879,80	40,0	32 x 0,21	8,1	90
5 G 1	1.273,00	50,0	32 x 0,21	9,2	120
7 G 1	1.966,30	70,0	32 x 0,21	10,9	170
12 G 1	2.668,90	120,0	32 x 0,21	13,4	260
18 G 1	3.989,80	180,0	32 x 0,21	16,2	390
25 G 1	5.541,50	250,0	32 x 0,21	19,9	540
34 G 1	7.036,90	340,0	32 x 0,21	22,1	690
50 G 1	10.101,60	500,0	32 x 0,21	26,6	980
61 G 1	12.323,20	610,0	32 x 0,21	29,0	1160

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H05VV5-F 300/500 V					
2 x 1,5 *	716,70	30	30 x 0,26	7,4	84
3 G 1,5	876,40	45	30 x 0,26	8,3	95
4 G 1,5	1.140,60	60	30 x 0,26	9,5	125
5 G 1,5	1.513,10	75	30 x 0,26	10,5	150
7 G 1,5	2.284,50	105	30 x 0,26	12,9	225
12 G 1,5	3.386,40	180	30 x 0,26	15,3	330
18 G 1,5	4.866,10	270	30 x 0,26	18,5	495
25 G 1,5	7.802,30	375	30 x 0,26	22,7	700
34 G 1,5	8.345,50	510	30 x 0,26	25,3	885
50 G 1,5	12.170,30	750	30 x 0,26	30,3	1270
61 G 1,5	15.057,00	915	30 x 0,26	33,3	1485
3 G 2,5	1.443,80	75	50 x 0,26	9,8	145
4 G 2,5	1.836,90	100	50 x 0,26	11,1	195
5 G 2,5	2.206,50	125	50 x 0,26	12,2	240
7 G 2,5	3.395,20	175	50 x 0,26	14,6	330
12 G 2,5	4.791,10	300	50 x 0,26	18,0	520
18 G 2,5	7.448,00	450	50 x 0,26	21,6	785
25 G 2,5	9.891,50	625	50 x 0,26	26,5	1070
4 G 4 *	3.052,80	160	56 x 0,31	11,6	280
5 G 4 *	3.701,50	200	56 x 0,31	14,1	340
7 G 4 *	4.568,70	280	56 x 0,31	15,1	445
4 G 6 *	4.343,50	240	84 x 0,31	16,8	450
5 G 6 *	4.791,10	300	84 x 0,31	18,4	550
7 G 6 *	6.052,00	420	84 x 0,31	20,5	715

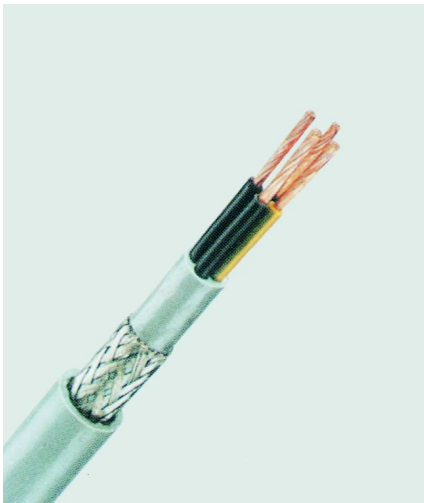
Also available with UL / CSA approbation.

* Adapted to VDE

H05VVC4V5-K

PVC Control Cable with Copper Braiding, Oil Resistant

according to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of soft PVC, compound type YI2 according to VDE 0207 part 4, there is a green-yellow core in the outside layer, all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers with adjusted twisting (no central core), grey inner sheath of soft PVC, compound type YM2 according to VDE 0207 part 5, braiding of tinned copper wires, outer sheath of soft oil resistant PVC, compound type YM2 according to VDE 0207 part 5.

Application

Suitable for dry, damp and wet locations but not in the open-air. It is used as a screened termination and connection cable in the control, measuring and signal technology. The copper braiding optimises protection against external interferences, like electromagnetic fields and stray frequencies. Suitable as a signal and impulse cable for control and inspection of industrial plants, machinery and working processes.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H05VVC4V5-K 300/500 V					
2 x 0,75 *	1.839,20	43	24 x 0,21	8,6	84
3 G 0,75	2.136,30	52	24 x 0,21	9,4	120
4 G 0,75	2.782,50	61	24 x 0,21	10,5	155
5 G 0,75	3.382,70	78	24 x 0,21	11,5	175
7 G 0,75	4.411,50	107	24 x 0,21	13,0	220
12 G 0,75	6.955,10	162	24 x 0,21	15,5	330
18 G 0,75	9.270,50	220	24 x 0,21	19,0	470
25 G 0,75	12.853,50	280	24 x 0,21	21,5	620
3 G 1	2.475,90	75	32 x 0,21	10,0	140
4 G 1	3.093,50	86	32 x 0,21	11,3	175
5 G 1	3.722,30	102	32 x 0,21	12,0	200
7 G 1	5.133,30	127	32 x 0,21	13,5	245
12 G 1	8.062,20	194	32 x 0,21	17,0	400
18 G 1	11.303,00	268	32 x 0,21	20,0	560
25 G 1	15.171,50	354	32 x 0,21	23,0	720
2 x 1,5 *	2.476,40	74	30 x 0,26	9,8	140
3 G 1,5	2.900,60	95	30 x 0,26	10,7	190
4 G 1,5	3.768,30	116	30 x 0,26	12,0	215
5 G 1,5	4.686,30	130	30 x 0,26	12,8	255
7 G 1,5	6.540,80	168	30 x 0,26	14,7	320
12 G 1,5	9.663,00	268	30 x 0,26	18,1	520
18 G 1,5	13.764,80	373	30 x 0,26	21,2	710
25 G 1,5	18.354,50	530	30 x 0,26	25,1	980
3 G 2,5	4.590,60	118	50 x 0,26	12,0	245
4 G 2,5	5.658,30	163	50 x 0,26	13,1	300
5 G 2,5	6.740,40	191	50 x 0,26	14,1	340
7 G 2,5	9.002,50	288	50 x 0,26	17,4	500
12 G 2,5	14.385,40	516	50 x 0,26	20,9	740
18 G 2,5	20.579,90	615	50 x 0,26	24,9	1055
25 G 2,5	26.410,60	897	50 x 0,26	29,2	1400

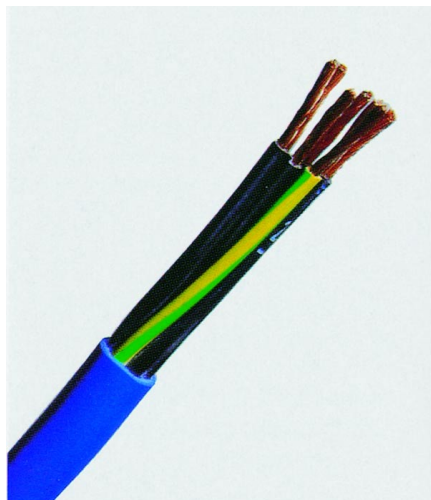
Also available with UL / CSA approbation.

* Adapted to VDE

YSLY-EB (intrinsically safe)

PVC Control Cable for Intrinsically Safe Circuits with Blue Outer Sheath

adapted to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of PVC, there is a green-yellow core in the outside layer, (not in OZ - types), all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers, PVC outer sheath, blue (RAL 5012), increased oil resistant.

Application

Suitable for dry, damp and wet locations as well as in areas with explosion hazard but not in the open-air. To be used as a connection and control cable for the application in intrinsically safe circuits for medium-level mechanical stress.

Temperature range

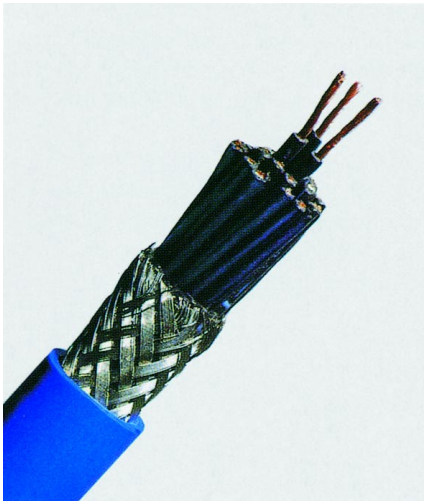
In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLY 300/500 V	JZ	OZ				
2 x 0,75		443,00	15,0	24 x 0,21	6,6	59
3 x 0,75	550,50	605,50	22,5	24 x 0,21	7,0	70
4 x 0,75	738,20	812,10	30,0	24 x 0,21	7,6	84
5 x 0,75	918,20	1.010,10	37,5	24 x 0,21	8,7	110
7 x 0,75	1.234,80	1.358,20	52,5	24 x 0,21	8,4	116
12 x 0,75	2.147,70	2.362,40	90,0	24 x 0,21	10,9	187
18 x 0,75	2.942,30	3.236,60	135,0	24 x 0,21	13,2	285
25 x 0,75	4.243,20	4.667,70	187,5	24 x 0,21	16,1	397
2 x 1		547,40	20,0	32 x 0,21	6,6	62
3 x 1	639,80	703,80	30,0	32 x 0,21	7,0	74
4 x 1	825,40	908,00	40,0	32 x 0,21	7,6	91
5 x 1	1.043,90	1.148,30	50,0	32 x 0,21	8,0	111
7 x 1	1.413,90	1.555,20	70,0	32 x 0,21	10,0	140
12 x 1	2.409,70		120,0	32 x 0,21	12,0	232
18 x 1	3.608,60		180,0	32 x 0,21	14,0	332
2 x 1,5		642,70	30,0	30 x 0,26	7,4	80
3 x 1,5	793,30	872,50	45,0	30 x 0,26	8,3	106
4 x 1,5	1.017,60	1.119,40	60,0	30 x 0,26	9,0	127
5 x 1,5	1.330,70	1.463,80	75,0	30 x 0,26	9,8	156
7 x 1,5	1.781,00		105,0	30 x 0,26	11,9	229
12 x 1,5	3.094,00		180,0	30 x 0,26	14,0	326
18 x 1,5	4.458,40		270,0	30 x 0,26	17,5	492
25 x 1,5	5.798,50		375,0	30 x 0,26	20,9	674

YSLCY-EB (intrinsically safe)

PVC Control Cable for Intrinsically Safe Circuits with Copper Braiding and Blue Outer Sheath

adapted to DIN VDE 0281-13



Construction

fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of PVC, cores are black with consecutive white numbers, cores are stranded in layers and wrapped in a plastic foil, braiding of tinned copper wires, PVC outer sheath, blue (RAL 5012), increased oil resistant.

Application

For dry, damp and wet locations as well as areas with explosion hazard - but not in the open-air. To be used as an MSR cable for the application in intrinsically safe circuits. The copper braiding optimises protection against external electrical and magnetic interferences. The cable is suitable for medium-level mechanical stress.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price		Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
	EUR / km					
YSLCY 300/500 V	JZ	OZ				
2 x 0,75		1.428,10	43	24 x 0,21	6,7	56
3 x 0,75	1.663,60	1.716,10	52	24 x 0,21	7,0	70
4 x 0,75	1.868,40	1.937,00	61	24 x 0,21	7,6	95
5 x 0,75	2.089,60	2.176,10	72	24 x 0,21	8,2	130
7 x 0,75		2.764,20	89	24 x 0,21	9,5	168
12 x 0,75		4.384,80	138	24 x 0,21	12,0	232
18 x 0,75		5.892,20	211	24 x 0,21	13,9	315
25 x 0,75		7.663,10	280	24 x 0,21	16,5	435
2 x 1,5		1.813,10	65	30 x 0,26	8,5	97
3 x 1,5	2.129,80	2.202,50	82	30 x 0,26	8,9	125
4 x 1,5	2.510,60	2.604,50	100	30 x 0,26	9,7	165
5 x 1,5	2.891,30	3.012,00	119	30 x 0,26	10,7	193
7 x 1,5	3.652,30	3.809,50	154	30 x 0,26	11,5	245