

YVV / NYY IEC 60502-1



PVC insulated, low voltage power cables

DRSKABEL NYY YVV



DIN VDE 0276-603
IEC 60502-1

APPLICATION

It can be used underground as energy cable in cable canals, in or out of underground, in fresh water, in generating stations, in industrial premises and circuit breaker premises.

SPECIFICATIONS



Cu

Solid / Stranded
copper
(Class1 / Class2)



PVC

Max. operating
temperature



MAX.

Max. short
circuit temperature



A.C.

Test voltage
(A.C. 3,5 kV)



MIN.

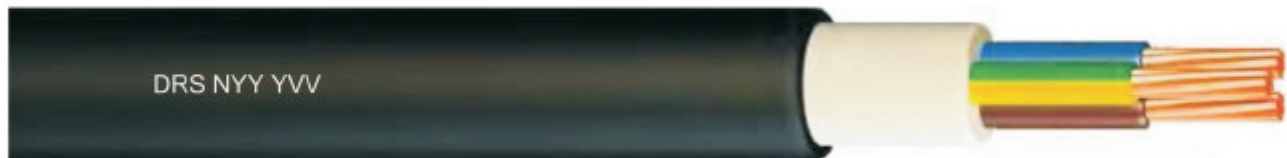
Installation
temperature
(Min. 5°C)

Cu/PVC/PVC

Nominal cross (mm²)	Outside diameter (mm)	Net weight (kg/km)	Conductor D.C. resistance (20°C ohm/km)	Current carrying capacity in	
				Burada (20°C A) Conduit	Harada (20°C A) Air
YVV-U (0,6/1 kV)					
1 x 1,5	5,2	44	12,1	-	-
1 x 2,5	5,6	56	7,41	-	-
1 x 4	6,4	78	4,61	59 / 50	45 / 33
1 x 6	6,9	100	3,08	73 / 62	59 / 43
1 x 10	7,7	144	1,83	97 / 83	81 / 60
YVV-R (0,6/1 kV)					
1 x 1,5	5,3	45	12,1	-	-
1 x 2,5	5,8	57	7,41	-	-
1 x 4	6,7	82	4,61	59 / 50	45 / 33
1 x 6	7,3	104	3,08	73 / 62	59 / 43
1 x 10	8	149	1,83	97 / 83	81 / 60
1 x 16	9	208	1,15	125 / 107	110 / 82
1 x 25	10,4	306	0,727	161 / 138	146 / 110
1 x 35	11,5	402	0,524	192 / 164	181 / 137
1 x 50	13,1	538	0,387	227 / 195	219 / 167
1 x 70	14,7	736	0,268	278 / 238	281 / 216
1 x 95	17	1.011	0,193	332 / 286	341 / 264
1 x 120	18,7	1.250	0,153	377 / 325	396 / 308
1 x 150	20,5	1.543	0,124	423 / 365	456 / 356
1 x 185	22,6	1.905	0,0991	478 / 413	521 / 409
1 x 240	25,7	2.484	0,0754	555 / 479	615 / 485
1 x 300	29,5	3.158	0,0601	627 / 541	709 / 561
1 x 400	34,1	4.007	0,0470	725 / 614	852 / 656



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Installation
temperature
(Min. 5°C)

Cu/PVC/PVC

Nominal cross (mm²)	Outside diameter (mm)	Net weight (kg/km)	Conductor D.C. resistance (20°C ohm/km)	Current carrying capacity in	
				Burada (20°C A) Conduit	Nevada (20°C A) Air
YVV-U (0,6/1 kV)					
3 x 1,5	10,3	171	12,1	32	22
3 x 2,5	11,1	214	7,41	42	30
3 x 4	13,1	312	4,61	54	40
3 x 6	14,2	393	3,08	68	51
3 x 10	15,9	549	1,83	90	70
YVV-R (0,6/1 kV)					
3 x 1,5	10,5	175	12,1	32	22
3 x 2,5	11,8	232	7,41	42	30
3 x 4	13,7	329	4,61	54	40
3 x 6	15	416	3,08	68	51
3 x 10	16,9	586	1,83	90	70
3 x 16	18,9	804	1,15	116	94
3 x 25	22,1	1.177	0,727	150	119
3 x 35	24,5	1.530	0,524	181	148
3 x 50	28,1	2.052	0,387	188	157
3 x 70	32	2.801	0,268	232	199
3 x 95	36,9	3.815	0,193	280	246
3 x 120	41	4.744	0,153	318	285
3 x 150	44,9	5.823	0,124	359	326
3 x 185	49,6	7.180	0,0991	406	374
3 x 240	56,4	9.348	0,0754	473	445
3 x 300	64,8	11.977	0,0601	535	511



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MIN.

Installation
temperature
(Min. 5°C)

Cu/PVC/PVC

Nominal cross (mm²)	Outside diameter (mm)	Net weight (kg/km)	Conductor D.C. resistance (20°C ohm/km)	Current carrying capacity in	
				Burada (20°C A) Conduit	Harada (20°C A) Air
YVV-U (0,6/1 kV)					
4 x 1,5	11,1	204	12,1	32	22
4 x 2,5	12,2	267	7,41	42	30
4 x 4	14,2	380	4,61	54	40
4 x 6	15,4	482	3,08	68	51
4 x 10	17,5	693	1,83	90	70
YVV-R (0,6/1 kV)					
4 x 1,5	11,5	214	12,1	32	22
4 x 2,5	12,7	278	7,41	42	30
4 x 4	14,9	401	4,61	54	40
4 x 6	16,3	509	3,08	68	51
4 x 10	18,5	730	1,83	90	70
4 x 16	20,7	1.008	1,15	116	94
4 x 25	24,2	1.481	0,727	150	119
4 x 35	27,1	1.953	0,524	181	148
4 x 50	31,2	2.627	0,387	188	157
4 x 70	35,7	3.612	0,268	232	199
4 x 95	41,1	4.917	0,193	280	246
4 x 120	45,8	6.128	0,153	318	285
4 x 150	50,1	7.520	0,124	359	326
4 x 185	55,3	9.269	0,0991	406	374
4 x 240	62,9	12.074	0,0754	473	445
4 x 300	72,4	15.483	0,0601	535	511



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Quality Guaranteed

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Nominal cross (mm²)	Outside diameter (mm)	Net weight (kg/km)	Conductor D.C. resistance (20°C ohm/km)	Current carrying capacity in	
				Boruda (20°C A) Conduit	Havada (20°C A) Air
YVV-U (0,6/1 kV)					
5 x 1,5	12,2	250	12,1	32	22
5 x 2,5	13,2	319	7,41	42	30
5 x 4	15,3	453	4,61	54	40
5 x 6	16,9	592	3,08	68	51
5 x 10	19,1	846	1,83	90	70
YVV-R (0,6/1 kV)					
5 x 1,5	12,4	254	12,1	32	22
5 x 2,5	13,7	330	7,41	42	30
5 x 4	16,2	484	4,61	54	40
5 x 6	18,0	629	3,08	68	51
5 x 10	20,1	885	1,83	90	70
5 x 16	22,8	1.247	1,15	116	94
5 x 25	26,5	1.820	0,727	150	119
5 x 35	29,9	2.419	0,524	181	148
5 x 50	34,8	3.290	0,387	188	157
5 x 70	39,6	4.505	0,268	232	199
5 x 95	45,8	6.157	0,193	280	246
5 x 120	50,8	7.644	0,153	318	285
5 x 150	55,7	9.397	0,124	359	326
5 x 185	61,5	11.589	0,0991	406	374
5 x 240	69,9	15.088	0,0754	473	445