YVOV(NYRY)-YVZ2V

STANDARTLAR
STANDARDS
TS IEC 60502
IEC 502
VDE 0271
IS 1516.1

SERTİFİKALAR
CERTIFICATES

PVC İZOLELİ, YUVARLAK ÇELİK ZIRHLI, ALÇAK GERİLİM, ÇOK DAMARLI GÜÇ KABLOLARI
PVC INSULATED, ROUND STEEL WIRE ARMOURED MULTI-CORE CABLES







YAPISI / *CONSTRUCTION*

iletken / **conductor**

1. **Som veya örgülü bakır**
   Solid or stranded copper (Class 1 or Class 2)

zırh / **armour**

4. **Galvanizli yuvarlak çelik tel**
   Galvanized round steel wire

izole / **insulation**

2. **Polivinil klorür**
   Polyvinyl chloride

dış kılıf / **outer sheath**

5. **Polivinil klorür**
   Polyvinyl chloride

dolgu / **filler**

3. **Polivinil klorür**
   Polyvinyl chloride

TEKNİK ÖZELLİKLER / *SPECIFICATIONS*

- **Min. bükülme yarı çapı** — *Min. bending radius*
- **Beyan gerilimi Uo/U** — *Rated voltage Uo/U*
- **Max. çalışma sıcaklığı** — *Max. operating temperature*
- **Deney gerilimi** — *AC test voltage*
- **Max. kısa devre sıcaklığı** — *Max. short circuit temperature*
- **Tek kablo düşey alev yayılma testi** — *Flame propagation test on single cable* - **IEC 60332-1**

UYGULAMA ALANLARI / *APPLICATIONS*

Mekanik zorlamalara dayanıklı ağır işletme şartlarına uygun olduğu için toprak altında kullanılabilir.
Can be used in underground installations since the cable is very suitable for mechanical compulsion and harsh operating conditions .

TEKNİK VERİLER / *TECHNICAL DATA*

Cu/PVC/PVC/SWA/PVC

Nominal Kesit mm² *Nominal Cross Section mm²*	Yaklaşık Dış Çap mm *Overall Diameter mm approximately*	Yaklaşık Net Ağırlık kg/km *Net Weight kg/km approximately*	İletken Direnci Max. ohm/km(20°C) *Conductor DC Resistance at (20°C) max. ohm/km*	Akım Taşıma Kapasitesi *Current Carrying Capacity in*	
				Toprakta (A) *Ground (A)*	Havada (A) *Air (A)*
YVOV (NYRY) (0,6/1 kV)					
2x1,5	12,9	331	12,1	22	22
2x2,5	13,7	382	7,41	29	31
2x4	15,4	493	4,61	37	41
2x6	17,1	658	3,08	46	53
2x10	19,6	880	1,83	60	72
2x16	22,2	1212	1,15	78	97
2x25	25,2	1605	0,727	99	128
2x35	27,4	1950	0,524	119	157
2x50	31,2	2500	0,387	140	190
2x70	35,8	3450	0,268	173	241
2x95	41,4	4729	0,193	204	291
3x1,5	13,4	362	12,1	18	19
3x2,5	14,3	426	7,41	24	26
3x4	16,8	635	4,61	30	35
3x6	17,9	746	3,08	38	45
3x10	20,5	1007	1,83	50	62
3x16	23,5	1423	1,15	64	83
3x25	26,5	1888	0,727	82	110
3x35	29,1	2340	0,524	98	135
3x50	33,2	3029	0,387	116	163
3x70	37,6	4133	0,268	143	207
3x95	42,5	5338	0,193	169	251
3x120	47,6	6820	0,153	192	290
3x150	52,3	8182	0,124	217	332
3x185	57,8	9998	0,0991	243	378
3x240	64,9	12562	0,0754	280	445

RoHS'a uygundur.
RoHS Compliant

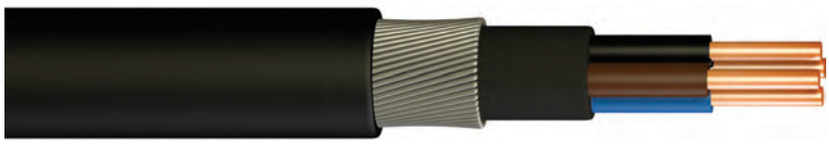
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TEKNİK VERİLER / *TECHNICAL DATA*

Cu/PVC/PVC/SWA/PVC

Nominal Kesit mm² *Nominal Cross Section mm²*	Yaklaşık Dış Çap mm *Overall Diameter mm approximately*	Yaklaşık Net Ağırlık kg/km *Net Weight kg/km approximately*	İletken Direnci Max. ohm/km(20°C) *Conductor DC Resistance at (20°C) max. ohm/km*	Akım Taşıma Kapasitesi *Current Carrying Capacity in*	
				Toprakta (A) *Ground (A)*	Havada (A) *Air (A)*
YVOV (NYRY) (0,6/1 kV)					
3x10/6	22,9	1281	1,83/3,08	50	62
3x16/10	24,7	1580	1,15/1,83	64	83
3x25/16	28,2	2131	0,727/1,15	82	110
3x35/16	30,4	2535	0,524/1,15	98	135
3x50/25	35,8	3563	0,387/0,727	116	163
3x70/35	39,4	4527	0,268/0,524	143	207
3x95/50	45,8	6242	0,193/0,387	169	251
3x120/70	50,6	7657	0,153/0,268	192	290
3x150/70	54,5	8849	0,124/0,268	217	332
3x185/95	60,0	10874	0,0991/0,193	243	378
3x240/120	67,6	13651	0,0754/0,153	280	445
4x1,5	14,2	411	12,1	18	19
4x2,5	15,1	483	7,41	24	26
4x4	18,1	746	4,61	30	35
4x6	19,1	867	3,08	38	45
4x10	22,9	1318	1,83	50	62
4x16	25,2	1678	1,15	64	83
4x25	29,0	2295	0,727	82	110
4x35	31,8	2852	0,524	98	135
4x50	37,3	3955	0,387	116	163
4x70	41,1	5066	0,268	143	207
4x95	47,6	6957	0,193	169	251
4x120	52,7	8490	0,153	192	290
4x150	57,6	10172	0,124	217	332
4x185	62,7	12237	0,0991	243	378
4x240	71,0	15515	0,0754	280	445
5x1,5	15,2	473	12,1	18	19
5x2,5	17,0	647	7,41	24	26
5x4	18,1	794	4,61	30	35
5x6	20,8	1030	3,08	38	45
5x10	24,8	1551	1,83	50	62
5x16	27,4	1992	1,15	64	83
5x25	31,7	2743	0,727	82	110
5x35	35,7	3660	0,524	98	135
5x50	40,9	4755	0,387	116	163
5x70	45,2	6131	0,268	143	207
5x95	52,8	8490	0,193	169	251
5x120	57,7	10250	0,153	192	290
6x1,5	17,0	625	12,1	18	19
7x1,5	17,7	673	12,1	18	19
7x2,5	18,9	797	7.41	24	26
7x4	21,8	1094	4,61	30	35
7x6	24,1	1346	3,08	38	45

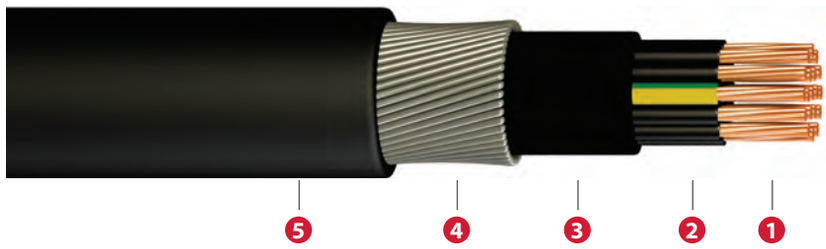
RoHS'a uygundur.
RoHS Compliant

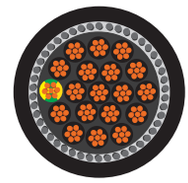
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iletken / **conductor**

1 — **Som veya örgülü bakır**
Solid or stranded copper (Class 1 or Class 2)

zırh / **armour**

4 — GALVANIZED — **Galvanizli yuvarlak çelik tel**
Galvanized round steel wire

izole / **insulation**

2 — PVC — **Polivinil klorür**
Polyvinyl chloride

dış kılıf / **outer sheath**

5 — PVC — **Polivinil klorür**
Polyvinyl chloride

dolgu / **filler**

3 — PVC — **Polivinil klorür**
Polyvinyl chloride

TEKNİK ÖZELLİKLER / *SPECIFICATIONS*

12 x D — **Min. bükülme yarı çapı**
Min. bending radius

0.6/1 kV — **Beyan gerilimi Uo/U**
Rated voltage Uo/U

70° — **Max. çalışma sıcaklığı**
Max. operating temperature

3.5 kV — **Deney gerilimi**
AC test voltage

160° — **Max. kısa devre sıcaklığı**
Max. short circuit temperature

Tek kablo düşey alev yayılma testi
Flame propagation test on single cable - **IEC 60332-1**

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				Toprakta (A) *Ground (A)*	Havada (A) *Air (A)*
YVOV (NYRY) (0,6/1 kV)					
8x2,5	20,4	920	7,41	18	14
8x4	22,4	1166	4,61	23	18
8x6	24,7	1529	3,08	29	23
10x1,5	18,7	811	12,1	13	10
10x2,5	23,8	1286	7,41	18	14
12x1,5	22,3	1109	12,1	12	9
12x2,5	24,0	1329	7,41	16	13
12x4	27,0	1754	4,61	20	17
19x1,5	25,2	1421	12,1	11	9
19x2,5	27,3	1736	7,41	14	11
24x2,5	31,5	2238	7,41	12	10
27x2,5	34,7	2753	7,41	11	9
30x1,5	33,0	2349	12,1	8	7
37x2,5	42,0	3950	7,41	11	9
40x1,5	35,4	2712	12,1	8	7
42x1,5	37,9	3045	12,1	7	6
48x2,5	42,8	4220	7,41	9	8

RoHS'a uygundur.
RoHS Compliant