

0.6 / 1 kV PVC İzoleli Yassı Çelik Tel Zırlı Güç Kabloları 0.6 / 1 kV PVC Insulated Flat Steel Wire Armoured Power Cables

YVZ3V / NYFGbY



- 1) Som veya Örgülü Bakır
Solid or Stranded Copper
- 2) PVC İzole
PVC Insulation
- 3) PVC Dolgu
PVC Filler
- 4) Galvanizli Yassı Çelik Tel Zırlı
Galvanized Flat Steel Wire
Armour
- 5) Galvanizli Çelik Bant
Galvanized Steel Tape
- 6) PVC Kılıf
PVC Sheath

Re : Som Yuvarlak İletken
Re : Solid Single Round Conductor
Rm : Çok Telli Yuvarlak İletken
Rm : Multi Wire Round Conductor



STANDARD

TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 70 °C
Kısa devre sıcaklığı	: 160 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 15xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Mekanik zorlanmanın fazla olduğu yerlerde sıva üstünde, kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır. Zırlı yapısı sayesinde dışarıdan gelebilecek darbelerle karşı dayanıklıdır.

TECHNICAL DATA

Permissible operating temperature	: 70 °C
Short circuit temperature	: 160 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 15xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in places where the mechanical stresses are high, used as surface mounted, in ducts, underground, as mains and lighting cable. Due to having galvanized round steel wire armour, they conform to heavy installation and mounting conditions.

70°C

Max. işletme sıcaklığı
Max. Operating
temperature

160°C

Kısa devre sıcaklığı
Short circuit
temperature



Test Gerilimi
(AC) 4 kV
Test Voltage
(AC) 4 kV



Alev dayanıklılık
Flame retardant
IEC 60332-1



Kurşunsuz
Lead-free



Örgülü
Stranded



Som
Solid



Serim sıcaklığı
minimum 5°C
Installation
temperature
min 5°C



Dağıtım panoları
Distribution panels



Boru içinde
In conduit



Açıkta
Outdoor



Beton içinde
In concrete



Toprak altında
Direct buried



Endüstriyel tesisat
Industrial installations

TEKNİK ÖZELLİKLER TECHNICAL DATA

YVZ3V / NYFGbY

YVZ3V / NYGbY (0.6/1kV)

Nominal Kesit	Kablo Dış Çapı(Yaklaşık)	Akım Taşıma Kapasitesi		İletken DC Direnci (20°C)	Net Ağırlık (Yaklaşık)	Ambalaj miktarı	Ambalaj
		Havada	Toprakta				
Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	Air	Ground	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1X10 rm	14.21	64	83	1.83	460	1000	R 900
1X16 rm	15.23	84	107	1.15	560	1000	R 900
1X25 rm	16.96	114	138	0.727	712	1000	R 1000
1X35 rm	18.19	139	164	0.524	852	1000	R 1100
1X50 rm	19.61	169	195	0.387	1020	1000	R 1100
1X70 rm	21.55	213	238	0.268	1312	1000	R 1200
1X95 rm	23.80	264	286	0.198	1633	1000	R 1300
1X120 rm	25.12	307	325	0.153	1910	1000	R 1400
1X150 rm	27.10	352	365	0.124	2268	1000	R 1400
1X185 rm	29.94	406	413	0.0991	2764	1000	R 1500
1X240 rm	33.00	483	479	0.0754	3434	1000	R 1600
1X300 rm	35.94	557	541	0.0601	4085	1000	R 1700
2X10 rm	20.23	59	79	1.83	902	1000	R 1200
2X16 rm	22.16	79	102	1.15	1105	1000	R 1200
2X25 rm	25.73	106	133	0.727	1507	1000	R 1400
2X35 rm	28.30	129	159	0.524	1854	1000	R 1500
3X10 rm	21.25	59	79	1.83	1015	1000	R 1100
3X16 rm	23.29	79	102	1.15	1292	1000	R 1300
3X25 rm	27.21	106	133	0.727	1784	1000	R 1400
3X35 rm	30.05	129	159	0.524	2222	1000	R 1500
3X50 rm	33.32	157	188	0.387	2757	1000	R 1600
3X70 rm	38.34	199	232	0.268	3727	1000	R 1700
3X95 rm	43.58	246	280	0.198	4870	500	R 1500
3X120 rm	47.07	285	318	0.153	5824	500	R 1600
3X150 rm	51.55	326	359	0.124	6983	500	R 1700
3X185 rm	58.10	374	406	0.0991	8731	250	R 1600
3X240 rm	64.86	445	473	0.0754	11026	250	R 1600

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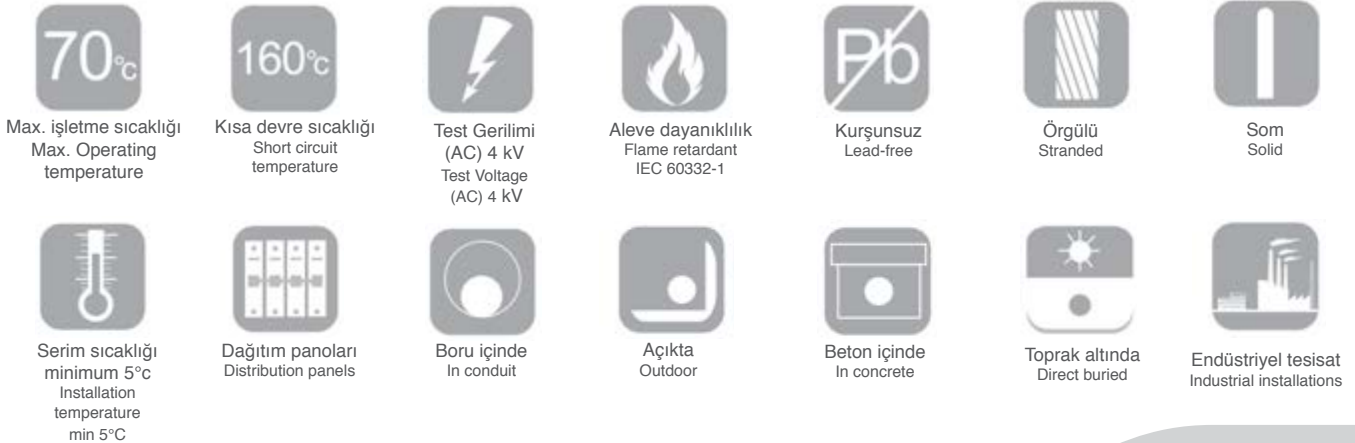
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mm ²	mm	Air	Ground	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4X10 rm	22.78	59	79	1.83	1202	1000	R 1200
4X16 rm	25.12	79	102	1.15	1515	1000	R 1400
4X25 rm	29.72	106	133	0.727	2150	1000	R 1500
4X35 rm	32.89	129	159	0.524	2689	1000	R 1600
4X50 rm	37.03	157	188	0.387	3419	1000	R 1700
4X70 rm	42.05	199	232	0.268	4565	500	R 1500
4X95 rm	48.38	246	280	0.198	6039	500	R 1600
4X120 rm	51.77	285	318	0.153	7207	500	R 1700
4X150 rm	56.79	326	359	0.124	8655	500	R 1800
4X185 rm	64.10	374	406	0.0991	10827	250	R 1800
4X240 rm	71.63	445	473	0.0754	13728	250	R 1800
5 x 10	24.51	59	79	1.83	1373	1000	R 1300
5 x 16	27.10	79	102	1.15	1770	1000	R 1400
5 x 25	32.34	106	133	0.727	2521	1000	R 1600
5 x 35	36.38	129	159	0.524	3234	1000	R 1700
5 x 50	40.42	157	188	0.387	4025	500	R 1500
5 x 70	46.53	199	232	0.268	5481	500	R 1600
5 x 95	53.08	246	280	0.198	7219	500	R 1700
5 x 120	56.90	285	318	0.153	8610	500	R 1800
5 x 150	63.01	326	359	0.124	10487	250	R 1500
5 x 185	70.54	374	406	0.0991	13002	250	R 1700
5 x 240	79.38	445	473	0.0754	16593	250	R 1800
3X16+10 rm	24.61	79	102	1.15/1.83	1439	1000	R 1300
3X25+16 rm	28.52	106	133	0.727/1.15	1978	1000	R 1500
3X35+16 rm	30.92	129	159	0.524/1.15	2391	1000	R 1500
3X50+25 rm	35.29	157	188	0.387/0.727	3107	1000	R 1600
3X70+35 rm	39.87	199	232	0.268/0.524	4094	500	R 1500
3X95+50 rm	45.22	246	280	0.193/0.387	5344	500	R 1600
3X120+70 rm	49.48	285	318	0.153/0.268	6572	500	R 1700
3X150+70 rm	53.30	326	359	0.124/0.268	7671	250	R 1600
3X185+95 rm	60.28	374	406	0.0991/0.193	9686	250	R 1600
3X240+120 rm	66.83	445	473	0.754/0.153	12129	250	R 1700