INDEX

YAVV / NAYY

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Stranded Aluminium Conductor
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PVC Insulation
3) PE Dolgu
PE Filler
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PVC Sheath

Rm : Çok Telli Yuvarlak iletken
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	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

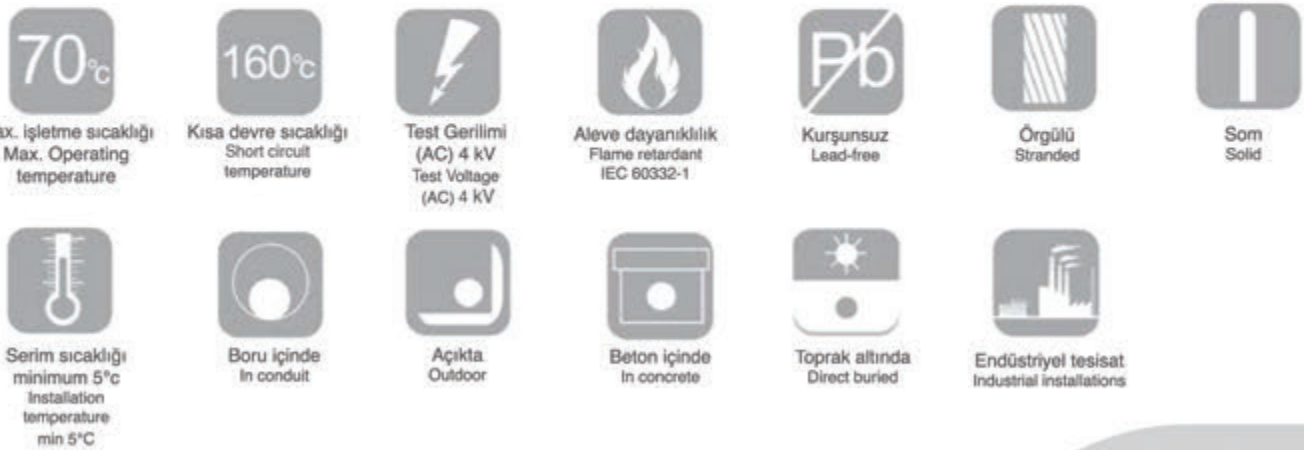
Mekanik zorlanmanın az olduğu yerlerde sıva üstünde. kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır.

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	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in places where the mechanical stresses are low. used as surface mounted. in ducts. underground. as mains and lighting cables.



YAVV / NAYY (0.6/kV)

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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1 x 16	8.9	–	–	1.910	109	1000	R 700
1 x 25	10.5	87	106	1.200	154	1000	R 700
1 x 35	11.5	107	127	0.868	189	1000	R 800
1 x 50	13.2	131	151	0.641	248	1000	R 900
1 x 70	15.0	166	185	0.443	330	1000	R 1000
1 x 95	17.1	205	222	0.320	439	1000	R 1100
1 x 120	18.9	239	253	0.253	542	1000	R 1100
1 x 150	20.6	273	284	0.206	649	1000	R 1200
1 x 185	22.8	317	322	0.164	793	1000	R 1300
1 x 240	25.8	378	375	0.125	1023	1000	R 1400
1 x 300	28.3	437	425	0.100	1243	1000	R 1500
1 x 400	31.7	513	487	0.078	1576	1000	R 1600
1 X 500	36.7	600	558	0.061	2090	1000	R 1700
2 x 16	17.8	–	–	1.910	426	1000	R 1100
2 x 25	21.6	82	102	1.200	631	1000	R 1200
2 x 35	23.6	100	123	0.868	761	1000	R 1300
2 x 50	26.9	119	144	0.641	992	1000	R 1400
2 x 70	31.1	152	179	0.443	1340	1000	R 1500
2 x 95	35.4	186	215	0.320	1757	1000	R 1600
2 x 120	38.9	216	245	0.253	2138	1000	R 1800
2 x 150	42.7	246	275	0.206	2584	1000	R 2000
2 x 185	46.9	285	313	0.164	3114	1000	R 2100
3 x 16	18.9	–	–	1.910	484	1000	R 1100
3 x 25	22.3	82	102	1.200	681	1000	R 1300
3 x 35	25.1	100	123	0.868	871	1000	R 1300
3 x 50	28.9	119	144	0.641	1154	1000	R 1400
3 x 70	32.8	152	179	0.443	1512	1000	R 1500
3 x 95	37.9	186	215	0.320	2044	1000	R 1800
3 x 120	42.1	216	245	0.253	2541	1000	R 2000
3 x 150	45.8	246	275	0.206	3022	1000	R 2100
3 x 185	50.3	285	313	0.164	3640	1000	R 2200
3 x 240	57.4	338	364	0.125	4750	500	R 1900
3 x 300	62.9	400	419	0.100	5738	500	R 2000
3X400	74	472	484	0.078	7850	500	R 2200

YAVV / NAYY (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4x16	21.2	–	–	1.91	601	1000	R 1200
4x25	25.1	82	102	1.2	849	1000	R 1300
4x35	27.6	100	123	0.868	1037	1000	R 1400
4X50	32.3	119	144	0.641	1416	1000	R 1500
4x70	36.8	152	179	0.443	1868	1000	R 1700
4x95	42.4	186	215	0.32	2515	1000	R 2000
4x20	46.7	216	245	0.253	3078	1000	R 2100
4x150	50.7	246	275	0.206	3647	1000	R 2200
4x185	56.3	285	313	0.164	4480	500	R 1900
4x240	63.8	338	364	0.125	5771	500	R 2000
4x300	70.4	400	419	0.1	7061	500	R 2300
4X400	82.5	472	484	0.078	9750	500	R 2400
5x16	23.1	–	–	1.91	664	1000	R 1200
5x25	27.5	82	102	1.2	941	1000	R 1400
5x35	30.8	100	123	0.868	1193	1000	R 1500
5x50	35.6	119	144	0.641	1583	1000	R 1600
5x70	40.6	152	179	0.443	2091	1000	R 1800
5x95	46.8	186	215	0.32	2818	1000	R 2000
5x120	51.5	216	245	0.253	3441	500	R 1600
5x150	56.6	246	275	0.206	4172	500	R 1900
5x185	62.2	285	313	0.164	5017	500	R 2000
5x240	71	338	364	0.125	6550	250	R 1700
5x300	77.9	400	419	0.1	7921	250	R 1800
3x16 + 10	21.1	–	–	1.910/3.080	581	1000	R 1200
3x25 + 16	24.4	82	102	1.200/1.910	792	1000	R 1300
3x35 + 16	26.2	100	123	0.868/1.910	926	1000	R 1400
3x50 + 25	30.5	119	144	0.641/1.200	1260	1000	R 1500
3x70 + 35	34.2	152	179	0.443/0.868	1618	1000	R 1600
3x95 + 50	39.4	186	215	0.320/0.641	2181	1000	R 1800
3x120 + 70	42.8	216	245	0.253/0.443	2617	1000	R 2000
3x150 + 70	46l3	246	275	0.206/0.443	3078	1000	R 2100
3x185 + 95	51.6	285	313	0.164/0.320	3826	500	R 1800
3X240 + 120	58.2	338	364	0.125/0.253	4904	500	R 2000
3x300 + 150	65.5	400	419	0.100/ 0.206	6227	500	R 2100
3X400+185	76.5	472	484	0.0778/0.164	8400	500	R 2200

YAVZ2V / NAYRY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Yuvarlak Çelik Zırh teli
Steel Wire Armour (SWA)
5) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
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

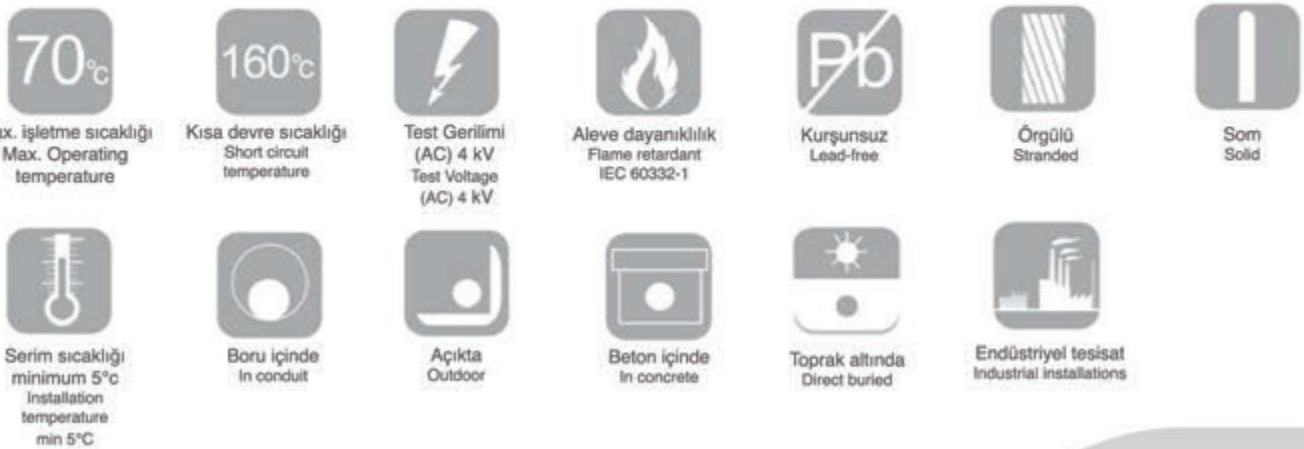
Mekanik zorlanmanın fazla olduğu yerlerde sıva üstünde. kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır. Zırhlı yapısı sayesinde dışarıdan gelebilecek darbelere karşı dayanıklıdır.

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.



YAVZ2V / NAYRY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
1x16	14.5	–	–	1.910	270	1000	R 800
1x25	17.1	87	106	1.200	380	1000	R 1000
1x35	18.1	107	127	0.868	432	1000	R 1100
1x50	19.8	131	151	0.641	520	1000	R 1100
1x70	22.3	166	185	0.443	672	1000	R 1200
1x95	24.3	205	222	0.320	815	1000	R 1300
1x120	26.0	239	253	0.253	943	1000	R 1300
1x150	27.8	273	284	0.206	1091	1000	R 1400
1x185	29.9	317	322	0.164	1261	1000	R 1400
1x240	33.9	378	375	0.125	1635	1000	R 1500
1x300	36.5	437	425	0.100	1916	1000	R 1600
1x400	41.1	513	487	0.078	2407	1000	R 1800
1x500	46.4	600	558	0.061	3051	1000	R 1900
2X25	26.9	82	102	1.200	1380	1000	R 1300
2X35	29.1	100	123	0.868	1593	1000	R 1400
2X50	32.7	119	144	0.641	1951	1000	R 1500
2X70	37.4	152	179	0.443	2642	1000	R 1600
2X95	41.7	186	215	0.320	3220	1000	R 1800
2X120	46.4	216	245	0.253	4128	1000	R 1900
2X150	49.9	246	275	0.206	4704	1000	R 2100
2X185	54.4	285	313	0.164	5510	500	R 1800
2X240	60.5	338	364	0.125	6669	500	R 1900
3X25	28.3	82	102	1.200	1525	1000	R 1400
3X35	30.7	100	123	0.868	1765	1000	R 1400
3X50	35.5	119	144	0.641	2401	1000	R 1500
3X70	39.5	152	179	0.443	2933	1000	R 1700
3X95	44.3	186	215	0.320	3628	1000	R 1900
3X120	49.3	216	245	0.253	4669	1000	R 2100
3X150	53.1	246	275	0.206	5323	500	R 1700
3X185	57.9	285	313	0.164	6220	500	R 1800
3X240	64.4	338	364	0.125	7527	500	R 2000
3X300	70.1	400	419	0.100	8817	500	R 2200

YAVZ2V / NAYRY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
4X25	30.7	82	102	1.2	1743	1000	R 1400
4X35	34.2	100	123	0.868	2256	1000	R 1500
4X50	38.6	119	144	0.641	2777	1000	R 1700
4X70	43.1	152	179	0.443	3392	1000	R 1900
4X95	49.6	186	215	0.32	4646	1000	R 2100
4X120	54.0	216	245	0.253	5425	1000	R 2300
4X150	58.1	246	275	0.206	6208	500	R 1800
4X185	63.6	285	313	0.164	7264	500	R 2000
4X240	71.0	338	364	0.125	8897	500	R 2200
4X300	78.7	400	419	0.1	11253	250	R 2000
4X400	89.5	472	484	0.078	14700	250	R 2200
5x25	34.1	82	102	1.2	2183	1000	R 1500
5x35	37.0	100	123	0.868	2553	1000	R 1600
5x50	41.9	119	144	0.641	3165	1000	R 1800
5x70	48.2	152	179	0.443	4299	1000	R 2100
5x95	54.1	186	215	0.32	5319	500	R 1800
5x120	58.9	216	245	0.253	6234	500	R 1900
5x150	63.7	246	275	0.206	7160	500	R 2100
5x185	69.7	285	313	0.164	8390	250	R 1600
5x240	79.4	338	364	0.125	11193	250	R 1800
5x300	86.4	400	419	0.1	13030	250	R 1900
3x25 + 16	29.6	82	102	1.200/1.910	1626	1000	R 1400
3x35 + 16	31.6	100	123	0.868/1.910	1827	1000	R 1500
3x50 + 25	36.8	119	144	0.641/1.200	2541	1000	R 1600
3x70 + 35	41.0	152	179	0.443/0.868	3107	1000	R 1800
3x95 + 50	47.1	186	215	0.320/0.641	4243	1000	R 2000
3x120 + 70	51.5	216	245	0.253/0.443	5000	1000	R 2200
3x150 + 70	54.7	246	275	0.206/0.443	5601	500	R 1800
3x185 + 95	60.1	285	313	0.164/0.320	6619	500	R 1900
3x240 + 120	66.7	338	364	0.125/0.253	8036	500	R 2100
3x300 + 150	72.5	400	419	0.100/ 0.206	9356	500	R 2300
3x400+185	84.0	472	484	0.0778/0.164	13050	250	R 2000

YAVZ3V / NAYFGbY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Galvanizli Yassı Çelik Tel Zırh
Galvanized Flat Steel Wire Armour
5) Galvanizli Çelik Bant
Galvanized Steel Tape
6) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
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

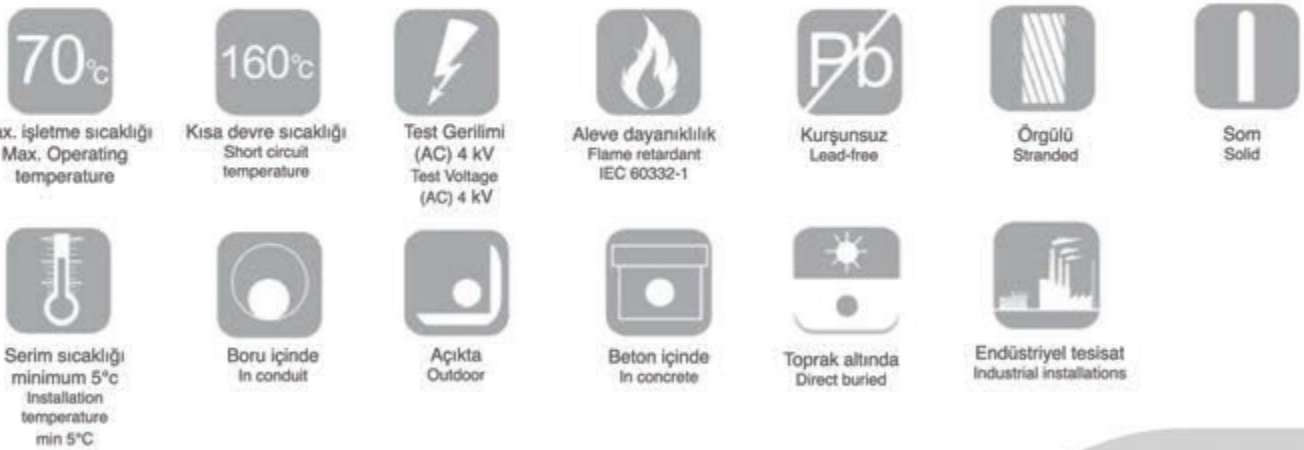
Mekanik zorlanmanın fazla olduğu yerlerde sıva üstünde. kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır. Zırhlı yapısı sayesinde dışarıdan gelebilecek darbelere karşı dayanıklıdır.

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 ans lighting cable. Due to having galvanized steel tape armour they conform to heavy insallation and mounting conditions.



YAVZ3V / NAYFGbY

YAVZ3V / NAYFGbY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
2x25	25.1	82	102	1.200	1169	1000	R 1300
2x35	27.2	100	123	0.868	1366	1000	R 1400
2x50	30.8	119	144	0.641	1684	1000	R 1400
2x70	35.2	152	179	0.443	2173	1000	R 1500
2x95	39.5	186	215	0.320	2688	1000	R 1700
2x120	43.1	216	245	0.253	3145	1000	R 1900
2x150	47.1	246	275	0.206	3705	1000	R 2000
2x185	51.5	285	313	0.164	4355	1000	R 2200
2x240	58.2	338	364	0.125	5471	500	R 1800
3x25	26.4	82	102	1.200	1288	1000	R 1300
3x35	28.8	100	123	0.868	1517	1000	R 1400
3x50	32.8	119	144	0.641	1911	1000	R 1500
3x70	37.4	152	179	0.443	2428	1000	R 1600
3x95	42.1	186	215	0.320	3052	1000	R 1800
3x120	46.4	216	245	0.253	3657	1000	R 2000
3x150	50.2	246	275	0.206	4217	1000	R 2200
3x185	55.0	285	313	0.164	4995	500	R 1800
3x240	62.1	338	364	0.125	6266	500	R 2000
3x300	67.8	400	419	0.100	7409	500	R 2200
3X400	76.5	472	484	0.078	9500	500	R 2400

YAVZ3V / NAYFGbY

YAVZ3V / NAYFGbY (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4x25	28.8	82	102	1.2	1496	1000	R 1400
4x35	31.5	100	123	0.868	1763	1000	R 1400
4x50	36.4	119	144	0.641	2286	1000	R 1600
4x70	41.0	152	179	0.641	2848	1000	R 1800
4x95	46.7	186	215	0.641	3635	1000	R 2000
4x120	51.1	216	245	0.641	4307	1000	R 2200
4x150	55.4	246	275	0.641	5010	1000	R 2400
4x185	61.3	285	313	0.641	6012	500	R 2000
4x240	68.7	338	364	0.641	7479	500	R 2200
4x300	75.5	400	419	0.641	8955	500	R 2300
4X400	85.0	472	484	0.641	11500	500	R 2400
5x25	31.4	82	102	1.2	1716	1000	R 1500
5x35	34.9	100	123	0.868	2065	1000	R 1600
5x50	39.8	119	144	0.641	2617	1000	R 1800
5x70	44.9	152	179	0.443	3293	1000	R 2000
5x95	51.2	186	215	0.32	4202	500	R 1600
5x120	56.1	216	245	0.253	5012	500	R 1700
5x150	61.3	246	275	0.206	5894	500	R 2000
5x185	67.4	285	313	0.164	7019	250	R 1600
5x240	76.1	338	364	0.125	8818	250	R 1800
5x300	83.2	400	419	0.1	10464	250	R 1900
3x25+16	27.8	82	102	1.200/1.910	1390	1000	R 1400
3x35+16	29.7	100	123	0.868/1.910	1590	1000	R 1400
3x50+25	34.1	119	144	0.641/1.200	2028	1000	R 1500
3x70+35	38.7	152	179	0.443/0.868	2562	1000	R 1700
3x95+50	43.8	186	215	0.320/0.641	3248	1000	R 1900
3x120+70	48.7	216	245	0.253/0.443	3955	1000	R 2100
3x150+70	51.9	246	275	0.206/0.443	4485	1000	R 2400
3x185+95	57.8	285	313	0.164/0.320	5458	500	R 2000
3x240+120	64.4	338	364	0.125/0.253	6719	500	R 2200
3x300+150	70.2	400	419	0.100/ 0.206	7932	500	R 2300
3x400+185	79.0	472	484	0.0778/0.164	10100	500	R 2400

YAVZ4V / NAYBY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Galvanizli Çift Çelik Bant
Galvanized Double Steel Tape
5) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
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

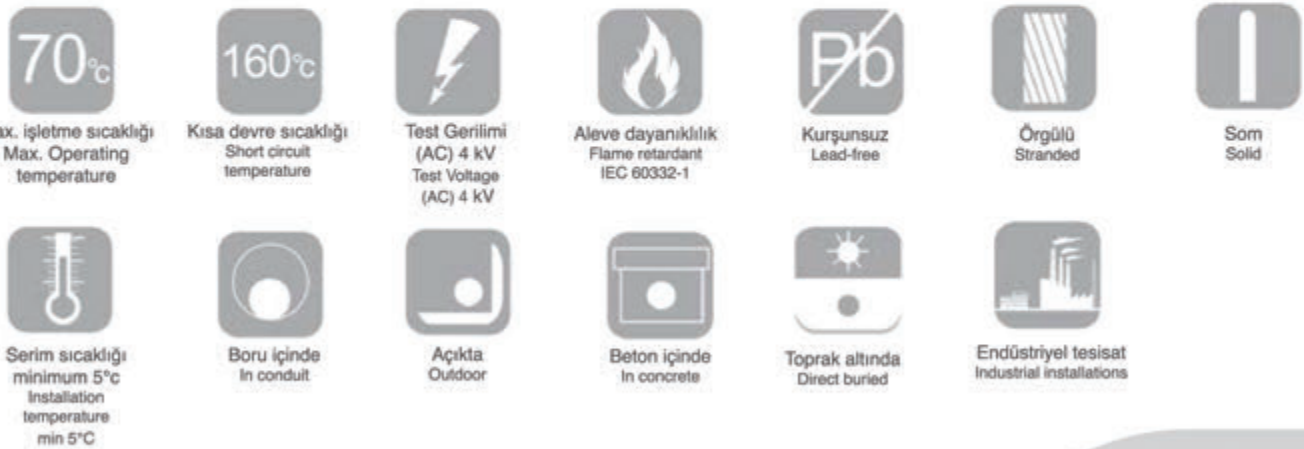
Mekanik zorlanmanın fazla olduğu yerlerde sıva üstünde. kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır. Zırhlı yapısı sayesinde dışarıdan gelebilecek darbelere karşı dayanıklıdır.

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 ans lighting cable. Due to having galvanized double steel tape armour they conform to heavy insallation and mounting conditions.



YAVZ4V / NAYBY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Akım Taşıma Kapasitesi Current Carrying Capacity in Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
2X25	23.7	82	102	1.200	878	1000	R 1200
2X35	25.7	100	123	0.868	1029	1000	R 1300
2X50	29.3	119	144	0.641	1313	1000	R 1400
2X70	33.7	152	179	0.443	1721	1000	R 1500
2X95	39.3	186	215	0.320	2712	1000	R 1700
2X120	42.9	216	245	0.253	3188	1000	R 1900
2X150	46.9	246	275	0.206	3747	1000	R 2000
2X185	51.3	285	313	0.164	4406	1000	R 2200
2X240	58.0	338	364	0.125	5521	500	R 2000
3X25	25.0	82	102	1.200	979	1000	R 1300
3X35	27.3	100	123	0.868	1163	1000	R 1400
3X50	31.2	119	144	0.641	1492	1000	R 1500
3X70	37.1	152	179	0.443	2453	1000	R 1600
3X95	41.8	186	215	0.320	3064	1000	R 1800
3X120	46.2	216	245	0.253	3686	1000	R 2000
3X150	50.0	246	275	0.206	4268	1000	R 2200
3X185	54.8	285	313	0.164	5036	500	R 1800
3X240	61.9	338	364	0.125	6315	500	R 2000
3X300	67.6	400	419	0.100	7464	500	R 2200
3X400	76.5	472	484	0.078	9300	500	R 2400

YAVZ4V / NAYBY (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4X25	27.3	82	102	1.2	1141	1000	R 1400
4X35	29.9	100	123	0.868	1363	1000	R 1500
4X50	34.9	119	144	0.641	1814	1000	R 1600
4X70	40.7	152	179	0.443	2865	1000	R 1800
4X95	46.5	186	215	0.32	3670	1000	R 2000
4X120	50.9	216	245	0.253	4350	1000	R 2200
4X150	55.2	246	275	0.206	5057	1000	R 2400
4X185	61.0	285	313	0.164	6056	500	R 2000
4X240	68.5	338	364	0.125	7526	500	R 2100
4X300	75,2	400	419	0.1	8987	500	R 2300
4X400	85.0	472	484	0.078	11400	500	R 2400
5x25	29.8	82	102	1.2	1315	1000	R 1500
5x35	33.3	100	123	0.868	1629	1000	R 1500
5x50	39.5	119	144	0.641	2636	1000	R 1800
5x70	44.7	152	179	0.443	3318	1000	R 1900
5x95	51.0	186	215	0.32	4247	500	R 1600
5x120	55.9	216	245	0.253	5049	500	R 1700
3X25+16	27.0	82	102	1.200/1.910	1107	1000	R 1300
3X35+16	29.0	100	123	0.868/1.910	1276	1000	R 1400
3X50+25	33.3	119	144	0.641/1.200	1659	1000	R 1500
3X70+35	38.8	152	179	0.443/0.868	2631	1000	R 1700
3X95+50	43.8	186	215	0.320/0.641	3303	1000	R 1900
3X120+70	48.3	216	245	0.253/0.443	3974	1000	R 2100
3X150+70	51.4	246	275	0.206/0.443	4474	1000	R 2300
3X185+95	56.8	285	313	0.164/0.320	5373	500	R 2000
3X240+120	63.4	338	364	0.125/0.253	6621	500	R 2200
3X300+150	70.0	400	419	0.100/ 0.206	7900	500	R 2300
3X400+185	79.0	472	484	0.0778/0.164	9900	500	R 2400

YAVCV / NAYCY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Konsantrik Bakır İletken
Concentric Copper Conductors
5) Bakır Bant
Copper Tape
6) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
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

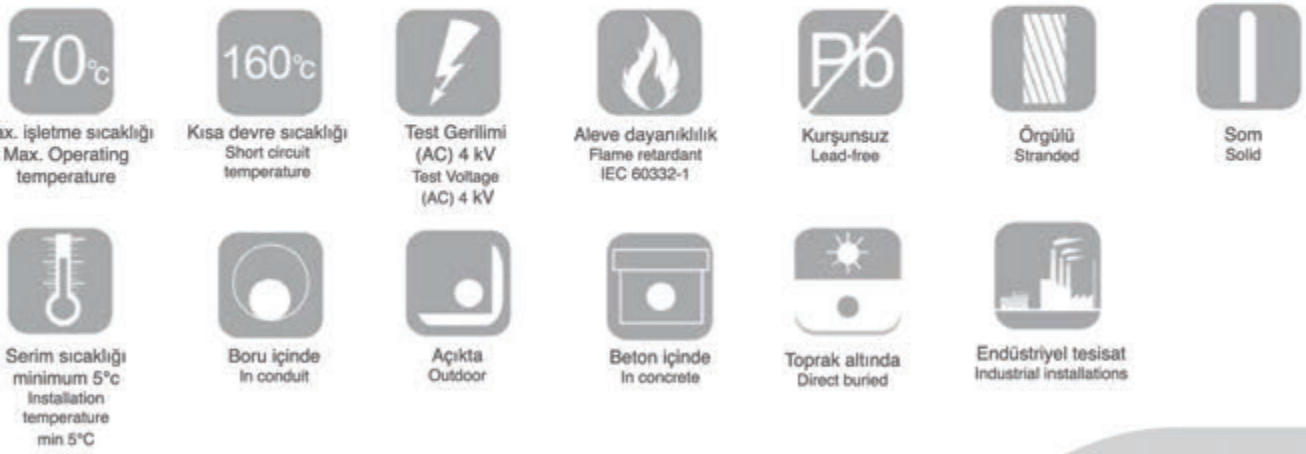
Şehir şebekeleri. cadde aydınlatmaları ve ev bağlantılarında tercihen toprak altında kullanılır.Darbe sonrası hasar görmesi durumunda hat sigortası açılarak devre güvenliği sağlanır.

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

Preferably used underground in mains. street lightings and house connections. In case of physical damage provide the circuit safety by turning off line circuit breaker.



YAVCV / NAYCY (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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1x25/16	17.30	91	108	1.200/1.150	480	1000	R 1000
1x35 /16	18.30	112	129	0.868/1.150	526	1000	R 1000
1x50 /25	19.90	137	153	0.641/0.727	691	1000	R 1100
1x70 /35	21.50	173	187	0.443/0.524	880	1000	R 1200
1x95 /50	24.00	212	223	0.320/0.387	1132	1000	R 1200
1x120 /70	25.80	247	252	0.253/0.268	1435	1000	R 1300
1x150 /70	27.60	280	280	0.206/0.268	1565	1000	R 1400
1x240 /120	33.90	374	358	0.125/0.153	2545	1000	R 1500
3X25/16	25.00	91	108	1.200/1.150	900	1000	R 1300
3X35/16	27.50	112	129	0.868/1.150	1100	1000	R 1400
3X50/25	32.00	137	153	0.641/0.727	1500	1000	R 1500
3X70/35	36.00	173	187	0.443/0.524	2000	1000	R 1600
3X95/50	41.50	212	223	0.320/0.387	2650	1000	R 1800
3X120/70	45.00	247	252	0.253/0.268	3250	1000	R 2000
3X150/70	50.00	280	280	0.206/0.268	3850	1000	R 2200
3X185/95	55.00	321	314	0.164/0.198	7800	500	R 1800
3x240 /120	62.30	374	358	0.125/0.153	6091	500	R 2000
3x300 /150	70.00	426	397	0.100/0.124	7647	500	R 2200
3X400/185	77.50	488	441	0.0778/0.0991	9600	500	R 2400

YAVZ2V
NAYRY (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Yuvarlak Çelik Zırh teli
Steel Wire Armour (SWA)
5) PVC Kılıf
PVC Sheath

SM : Sektör Kesitli Çoklu Alüminyum iletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

VDE 0276-603

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. Zırhlı yapısı sayesinde dışarıdan gelebilecek darbelere 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.

YAVZ2V / NAYRY (SM) (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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3X50	30.50	119	144	0.641	1610	1000	R 1400
3X70	35.00	152	179	0.443	2220	1000	R 1600
3X95	39.30	186	215	0.320	2745	1000	R 1800
3X120	42.20	216	245	0.253	3145	1000	R 1900
3X150	47.50	246	275	0.206	4020	1000	R 2000
3X185	51.90	285	313	0.164	4730	500	R 1700
3X240	57.80	338	364	0.125	5820	300	R 1800
3X50+25	33.10	119	144	0.641/1.200	1950	1000	R 1500
3X70+35	38.00	152	179	0.443/0.868	2655	1000	R 1700
3X95+50	43.70	186	215	0.320/0.641	3105	1000	R 1900
3X120+70	49.00	216	245	0.253/0.443	4195	1000	R 2100
3X150+70	52.00	246	275	0.206/0.443	4815	500	R 1700
3X185+95	57.20	285	313	0.164/0.320	5705	500	R 1800
3X240+120	63.70	338	364	0.125/0.253	7020	300	R 2000
4X50	35.40	119	144	0.641	2240	1000	R 1600
4X70	39.20	152	179	0.443	2750	1000	R 1800
4X95	44.30	186	215	0.320	3360	1000	R 1900
4X120	49.30	216	245	0.253	4380	1000	R 2200
4X150	53.60	246	275	0.206	5000	500	R 1800
4X185	59.00	285	313	0.164	5960	500	R 1900
4X240	65.70	338	364	0.125	7340	500	R 2100

α = 100° + 60°

α = 100° + Ø

α = 90°

α = 120°

YAVV / NAYY (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) PVC Kılıf
PVC Sheath

SM : Sektör Kesitli Çoklu Alüminyum İletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

VDE 0276-603

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	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Mekanik zorlanmanın az olduğu yerlerde. sıva üstünde. kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır.

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	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in places where the mechanical stresses are low. used as surface mounted. in ducts. underground. as mains and lighting cables.

Max. işletme sıcaklığı
Max. Operating temperature

Kısa devre sıcaklığı
Short circuit temperature

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

Aleve dayanıklılık
Flame retardant IEC 60332-1

Kurşunsuz
Lead-free

Sektör kesit
Sector

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

Boru içinde
In conduit

Açıkta
Outdoor

Beton içinde
In concrete

Toprak altında
Direct buried

Endüstriyel tesisat
Industrial installations

YAVV / NAYY (SM) (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
3X50	25.9	119	144	0.641	788	1000	R 1300
3X70	28.7	152	179	0.443	1012	1000	R 1400
3X95	32.2	186	215	0.320	1339	1000	R 1500
3X120	34.8	216	245	0.253	1596	1000	R 1600
3X150	38.8	246	275	0.206	1983	1000	R 1800
3X185	42.6	285	313	0.164	2427	1000	R 1900
3X240	47.9	338	364	0.125	3102	1000	R 2100
3X50+25	26.2	119	144	0.641/1.200	765	1000	R 1400
3X70+35	29.2	152	179	0.443/0.868	1006	1000	R 1500
3X95+50	33.9	186	215	0.320/0.641	1352	1000	R 1700
3X120+70	39.1	216	245	0.253/0.443	1708	1000	R 1900
3X150+70	40.8	246	275	0.206/0.443	2017	1000	R 2000
3X185+95	45.0	285	313	0.164/0.320	2506	1000	R 2200
3X240+120	50.9	338	364	0.125/0.253	3186	500	R 1800
4X50	28.5	119	144	0.641	1008	1000	R 1400
4X70	32.3	152	179	0.443	1328	1000	R 1500
4X95	36.7	186	215	0.320	1798	1000	R 1700
4X120	40.1	216	245	0.253	2149	1000	R 1800
4X150	44.2	246	275	0.206	2652	1000	R 2000
4X185	48.4	285	313	0.164	3238	1000	R 2300
4X240	54.4	338	364	0.125	4149	500	R 1800


α = 100° + 60°


α = 100° + Ø


α = 90°


α = 120°

YAVCV
NAYCY (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) PVC İzole
PVC Insulation
3) PVC Dolgu
PVC Filler
4) Konsantrik Bakır İletken
Concentric Copper Conductors
5) Bakır Bant
Copper Tape
6) PVC Kılıf
PVC Sheath

SM : Sektör Kesitli Çoklu Alüminyum iletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

VDE 0276-603

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

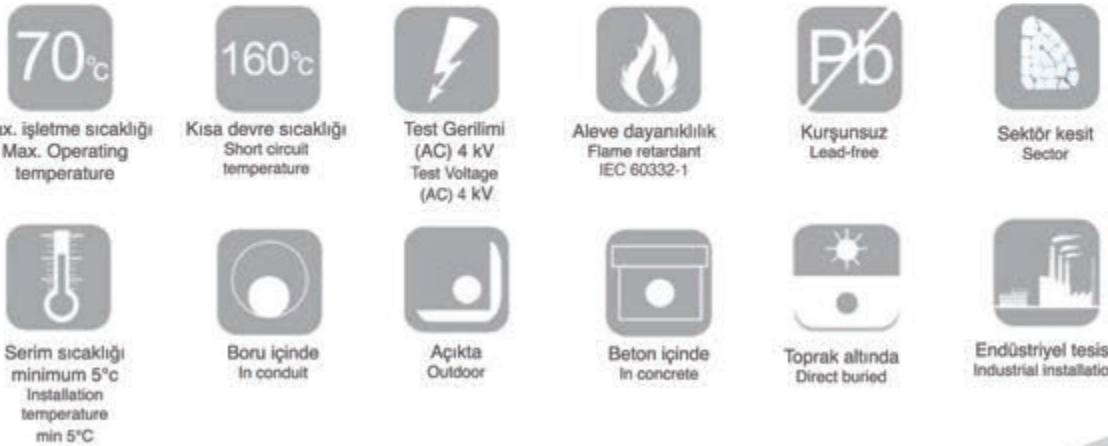
Şehir şebekeleri. cadde aydınlatmaları ve ev bağlantılarında tercihen toprak altında kullanılır.Darbe sonrası hasar görmesi durumunda hat sigortası açılarak devre güvenliği sağlanır.

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

Preferably used underground in mains. street lightings and house connections. In case of physical damage provide the circuit safety by turning off line circuit breaker.



YAVCV / NAYCY (SM) (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
3X50/50 RE	31.50	121	145	0.641/0.387	1522	1000	R 1500
3X70/70 SE	33.10	155	180	0.443/0.268	1675	1000	R 1500
3X95/95 SE	36.90	189	216	0.320/0.198	2247	1000	R 1700
3X120/120 SE	40.00	220	246	0.253/0.153	2715	1000	R 1800
3X70/35 SM	33.10	155	180	0.443/0.524	1489	1000	R 1500
3X70/70 SM	34.10	155	180	0.443/0.268	1648	1000	R 1500
3X95/50 SM	37.70	189	216	0.320/0.387	1974	1000	R 1700
3X95/95 SM	38.70	189	216	0.320/0.198	2253	1000	R 1800
3X120/70 SM	40.20	220	246	0.253/0.268	2381	1000	R 1800
3X120/120 SM	40.90	220	246	0.253/0.153	2654	1000	R 1800
3X150/70 SM	44.20	249	276	0.206/0.268	2798	1000	R 1900
3X150/150 SM	45.40	249	276	0.206/0.124	3164	1000	R 2000
3X185/95 SM	48.60	287	313	0.164/0.198	3498	500	R 1600

α = 100° + 60°

α = 100° + Ø

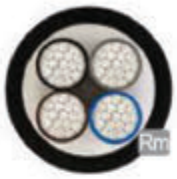
α = 90°

α = 120°

YAXV / NA2XY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor



STANDARD
TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Bina içinde ve endüstriyel fabrika yada mekanik hasar beklenmeyen dağıtım merkezlerinde. ani yük değişimlerinin olduğu tesislerde. yüksek çalışma sıcaklıklarında kullanılmaya uygundur. Kısa süreli ani sıcaklık artış larına dayanıklıdır. PVC'ye oranla yüksek elektrik yalıtımına sahiptir.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rtaed Voltage	: 0.6/1kV

USAGE AREAS

Suitable for using indoor and industrial factory or the distribution centers where mechanical damage is not expected. in plants in which sudden load flactuntions occur and in high operating temperature.Strong aganist sudden temperature rises. Have higher electrical insulation than PVC.

YAXV / NA2XY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
1x16	8.9	-	-	1.910	103	1000	R 600
1x25	10.5	106	114	1.200	143	1000	R 700
1x35	11.5	130	136	0.868	176	1000	R 800
1x50	12.9	161	162	0.641	223	1000	R 900
1x70	14.7	204	199	0.443	298	1000	R 900
1x95	16.6	252	238	0.320	395	1000	R 1000
1x120	18.2	295	272	0.253	482	1000	R 1100
1x150	20.2	339	305	0.206	591	1000	R 1200
1x185	22.4	395	347	0.164	723	1000	R 1200
1x240	25.2	472	404	0.125	923	1000	R 1300
1x300	27.7	547	457	0.100	1128	1000	R 1300
1X400	36.0	643	525	0.078	1850	1000	R 1600
2x16	17.0	754	601	0.061	371	1000	R 1600
2x25	21.0	-	-	1.910	568	1000	R 1000
2x35	23.0	102	112	1.200	690	1000	R 1200
2x50	25.8	126	135	0.868	873	1000	R 1200
2x70	29.6	149	158	0.641	1165	1000	R 1300
2x95	33.7	191	196	0.443	1538	1000	R 1400
3x16	17.8	234	234	0.320	409	1000	R 1500
3x25	21.2	-	-	1.910	582	1000	R 1100
3x35	23.8	102	112	1.200	745	1000	R 1200
3x50	26.8	126	135	0.868	949	1000	R 1300
3x70	31.5	149	158	0.641	1331	1000	R 1400
3x95	35.6	191	196	0.443	1743	1000	R 1500
3x120	39.0	234	234	0.320	2113	1000	R 1600
3x150	43.4	273	268	0.253	2606	1000	R 1800
3x185	48.3	311	300	0.206	3211	1000	R 2000
3x240	54.8	360	342	0.164	4152	1000	R 2200
3x300	60.6	427	398	0.125	5111	1000	R 2400
3X400	71.0	507	457	0.100	7100	500	R 2000

YAXV / NA2XY (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
3x16+10	19.8	–	–	1.910/3.080	482	1000	R 1200
3x25+16	23.3	102	112	1.200/1.910	679	1000	R 1200
3x35+16	25.1	126	135	0.868/1.910	802	1000	R 1300
3x50+25	28.8	149	158	0.641/1.200	1064	1000	R 1400
3x70+35	32.9	191	196	0.443/0.868	1421	1000	R 1500
3x95+50	37.1	234	234	0.320/0.641	1857	1000	R 1700
3x120+70	41,2	273	268	0.253/0.443	2322	1000	R 1900
3x150+70	44.9	311	300	0.206/0.443	2758	1000	R 2100
3x185+95	51.0	360	342	0.164/0.320	3552	1000	R 2300
3x240+120	56.9	427	398	0.125/0.253	4467	500	R 1900
3x300x150	63.0	507	457	0.100/ 0.206	5514	500	R 2000
3X400+185	73.5	600	529	0.0778/0.164	7550	500	R 2300
4x16	20.0	–	–	1.91	509	1000	R 1200
4x25	24.2	102	112	1.2	745	1000	R 1200
4x35	26.7	126	135	0.868	922	1000	R 1300
4x50	30.2	149	158	0.641	1182	1000	R 1400
4x70	35.0	191	196	0.443	1614	1000	R 1600
4x95	39.3	234	234	0.32	2092	1000	R 1800
4x120	43.2	273	268	0.253	2553	1000	R 2000
4x150	48.1	311	300	0.206	3148	1000	R 2200
4x185	53.6	360	342	0.164	3884	1000	R 2400
4x240	60.7	427	398	0.125	5007	500	R 2000
4x300	67.4	507	457	0.1	6213	500	R 2200
4X400	79.5	600	529	0.078	8900	500	R 2400
5x16	22.1	–	–	1.91	581	1000	R 1200
5x25	26.4	102	112	1.2	822	1000	R 1400
5x35	29.3	126	135	0.868	1026	1000	R 1500
5x50	33.8	149	158	0.641	1366	1000	R 1500
5x70	38.9	191	196	0.443	1836	1000	R 1800
5x95	44.3	234	234	0.32	2447	1000	R 1900
5x120	48.7	273	268	0.253	2984	1000	R 2100
5x150	54.5	311	300	0.206	3710	500	R 1800
5x185	60.6	360	342	0.164	4549	500	R 2000
5x240	68.1	427	398	0.125	5769	250	R 1600
5x300	75.20	507	457	0.1	7087	250	R 1700

Halogen Free

NA2XH

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) HFFR Dolgu
HFFR Filler
4) HFFR Kılıf
HFRR Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
TS HD 604 S1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Hastanelerde. okullarda. otellerde. alışveriş merkezlerinde. bilgi işlem merkezlerinde. toplu taşımacılık tesislerinde. tünellerde. enerji santrallerinde kullanılırlar.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in hospitals. schools. hotels. shopping centers. data processing centers. public transportation premises. tunnels and power plants.

NA2XH (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1x16	8.5	-	-	1.91	94	1000	R 1200
1x25	10.1	102	112	1.2	134	1000	R 1200
1x35	11.1	126	135	0.868	165	1000	R 1300
1x50	12.5	149	158	0.641	211	1000	R 1400
1x70	14.4	191	196	0.443	288	1000	R 1600
1x95	16.1	234	234	0.32	376	1000	R 1800
1x120	17.7	273	268	0.253	461	1000	R 2000
1x150	19.7	311	300	0.206	568	1000	R 2200
1x185	21.9	360	342	0.164	697	1000	R 2400
1x240	24.6	427	398	0.125	888	500	R 2000
1x300	27.0	507	457	0.1	1083	500	R 2200
1x400	30.3	600	529	0.078	1394	500	R 2400
1x500	34.7	-	-	1.91	1780	1000	R 1200
2x16	16.1	102	112	1.2	337	1000	R 1300
2x25	20.1	126	135	0.868	525	1000	R 1500
2x35	22.2	149	158	0.641	648	1000	R 1500
2x50	25.1	191	196	0.443	831	1000	R 1700
2x70	28.8	234	234	0.32	1110	1000	R 1900
2x95	32.8	273	268	0.253	1468	1000	R 2100
3x16	17.2	311	300	0.206	386	500	R 1700
3x25	20.7	360	342	0.164	559	500	R 1900
3x35	23.6	427	398	0.125	736	250	R 1600
3x50	26.8	507	457	0.1	952	250	R 1700
3x70	30.8	-	-	1.910/3.080	1280	1000	R 1200
3x95	35.1	102	112	1.200/1.910	1704	1000	R 1200
3x120	38.4	126	135	0.868/1.910	2062	1000	R 1300
3x150	43.1	149	158	0.641/1.200	2582	1000	R 1400
3x185	47.9	191	196	0.443/0.868	3174	1000	R 1500
3x240	54.1	234	234	0.320/0.641	4071	1000	R 1700
3x300	59.2	273	268	0.253/0.443	4916	1000	R 1900
3X400	67.0	311	300	0.206/0.443	6800	1000	R 2100

NA2XH (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4 x 16	19,5	-	-	1.910	487	1000	R 600
4 x 25	23,4	106	114	1.200	700	1000	R 700
4 x 35	26,0	130	136	0.868	878	1000	R 800
4 x 50	29,5	161	162	0.641	1133	1000	R 900
4 x 70	34,4	204	199	0.443	1567	1000	R 900
4 x 95	38,7	252	238	0.320	2040	1000	R 1000
4 x 120	42,9	295	272	0.253	2530	1000	R 1100
4 x 150	47,7	339	305	0.206	3111	1000	R 1200
4 x 185	53,4	395	347	0.164	3873	1000	R 1200
4 x 240	59,9	472	404	0.125	4904	1000	R 1300
4 x 300	65,8	547	457	0.100	5965	1000	R 1300
4 x 400	74,2	643	525	0.078	7633	1000	R 1600
5 x 16	21,2	754	601	0.061	535	1000	R 1600
5 x 25	25,7	-	-	1.910	779	1000	R 1000
5 x 35	28,5	102	112	1.200	971	1000	R 1200
5 x 50	32,9	126	135	0.868	1295	1000	R 1200
5 x 70	37,9	149	158	0.641	1745	1000	R 1300
5 x 95	43,1	191	196	0.443	2323	1000	R 1400
5 x 120	47,0	234	234	0.320	2803	1000	R 1500
5 x 150	53,1	-	-	1.910	3532	1000	R 1100
5 x 185	59,0	102	112	1.200	4323	1000	R 1200
5 x 240	66,3	126	135	0.868	5484	1000	R 1300
5 x 300	73,1	149	158	0.641	6720	1000	R 1400
3 x 16 + 10	18,8	191	196	0.443	436	1000	R 1500
3 x 25 + 16	22,5	234	234	0.320	636	1000	R 1600
3 x 35 + 16	24,4	273	268	0.253	761	1000	R 1800
3 x 50 + 25	28,0	311	300	0.206	1011	1000	R 2000
3 x 70 + 35	32,5	360	342	0.164	1392	1000	R 2200
3 x 95 + 50	36,5	427	398	0.125	1808	1000	R 2400
3 x 120 + 70	40,5	507	457	0.100	2258	500	R 2000
3 x 150 + 70	44,5	600	529	0.078	2722	500	R 2200
3 x 185 + 95	49,5	360	342	0.164	3375	1000	R 2200
3 x 240 + 120	55,8	427	398	0.125	4325	1000	R 2000
3X300+150	62,5	507	457	0.100	5600	500	R 2000
3X400+185	72,0	600	529	0.078	7300	500	R 2200

U-1000 / AR2V

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
NFC 32-321

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Bina içinde ve endüstriyel fabrika yada mekanik hasar beklenmeyen dağıtım merkezlerinde ani yük değişimlerinin olduğu tesislerde. yüksek çalışma sıcaklıklarında kullanılmaya uygundur. Kısa süreli ani sıcaklık artış larına dayanıklıdır. PVC'ye oranla yüksek elektrik yalıtımına sahiptir.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

Suitable for using indoor and industrial factory or the distribution centers where mechanical damage is not expected. in plants in which sudden load flactuntions occur and in high operating temperature.Strong aganist sudden temperature rises. Have higher electrical insulation than PVC.

AR2V (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
1x16	8,5	84	87	1.9100	94	1000	R 600
1x25	10,1	111	116	1.2000	134	1000	R 700
1x35	11,1	126	134	0.8680	165	1000	R 800
1x50	12,5	154	160	0.6410	211	1000	R 900
1x70	14,3	198	197	0.4430	285	1000	R 900
1x95	16,0	241	234	0.3200	372	1000	R 1000
1x120	17,5	280	269	0.2530	453	1000	R 1100
1x150	19,4	324	309	0.2060	554	1000	R 1200
1x185	21,5	371	355	0.1640	676	1000	R 1200
1x240	24,2	439	418	0.1250	865	1000	R 1300
1x300	26,6	508	472	0.1000	1058	1000	R 1300
1x400	29,9	663	512	0.0780	1351	1000	R 1600
1x500	33,5	770	583	0.0610	1706	1000	R 1600
2x16	17,2	91	104	1.9100	381	1000	R 1000
2x25	20,4	108	133	1.2000	538	1000	R 1200
2x35	22,4	135	160	0.8680	657	1000	R 1200
3x16	17,2	84	87	1.9100	383	1000	R 1100
3x25	20,6	111	116	1.2000	550	1000	R 1200
3x35	22,8	126	134	0.8680	686	1000	R 1300
3x50	26,2	149	160	0.6410	909	1000	R 1400
3x70	30,7	192	197	0.4430	1270	1000	R 1500
3x95	35,1	235	234	0.3200	1701	1000	R 1600
3x120	38,5	273	269	0.2530	2067	1000	R 1800
3x150	43,3	316	309	0.2060	2599	1000	R 2000
4x16	19,4	79	87	1.9100	479	1000	R 1200
4x25	23,7	98	116	1.2000	714	1000	R 1200
4x35	26,1	122	134	0.8680	881	1000	R 1300
4x50	29,5	149	160	0.6410	1129	1000	R 1400
4x70	34,1	192	197	0.4430	1536	1000	R 1600
4x95	38,5	235	234	0.3200	2014	1000	R 1800
4x120	42,3	273	269	0.2530	2457	1000	R 2000
4x150	47,2	316	309	0.2060	3041	1000	R 2200
4x185	52,6	363	355	0.1640	3752	1000	R 2400
4x240	59,3	430	418	0.1250	4796	500	R 2000
5x16	22,3	79	87	1.9100	587	1000	R 1300
5x25	26,7	98	111	1.2000	835	1000	R 1400
3x50+25	29,0	149	160	0.641/1.200	1074	1000	R 1400
3x70+35	33,1	192	197	0.443/0.868	1433	1000	R 1500
3x95+50	37,3	235	234	0.320/0.641	1870	1000	R 1700
3x120+70	41,4	273	269	0.253/0.443	2337	1000	R 1900
3x150+70	45,1	316	309	0.206/0.443	2773	1000	R 2100
3x185+195	51,2	341	355	0.164/0.320	3570	1000	R 2300
3x240+120	57,2	395	418	0.125/0.253	4501	500	R 1900

AR2V (0.6/1kV)

Nominal Kesit Rated Cross-section mm²	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx) mm	Akım Taşıma Kapasitesi Current Carrying Capacity in Havada / Air A	Toprakta / Ground A	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C ohm / km	Net Ağırlık (Yaklaşık) Net Weight (Approx) kg / km	Ambalaj miktarı Amount of Packing m	Ambalaj Packing C: Kangal/Coil R: Makara/Reel
1x16	8,5	84	87	1.9100	94	1000	R 600
1x25	10,1	111	116	1.2000	134	1000	R 700
1x35	11,1	126	134	0.8680	165	1000	R 800
1x50	12,5	154	160	0.6410	211	1000	R 900
1x70	14,3	198	197	0.4430	285	1000	R 900
1x95	16,0	241	234	0.3200	372	1000	R 1000
1x120	17,5	280	269	0.2530	453	1000	R 1100
1x150	19,4	324	309	0.2060	554	1000	R 1200
1x185	21,5	371	355	0.1640	676	1000	R 1200
1x240	24,2	439	418	0.1250	865	1000	R 1300
1x300	26,6	508	472	0.1000	1058	1000	R 1300
1x400	29,9	663	512	0.0780	1351	1000	R 1600
1x500	33,5	770	583	0.0610	1706	1000	R 1600
2x16	17,2	91	104	1.9100	381	1000	R 1000
2x25	20,4	108	133	1.2000	538	1000	R 1200
2x35	22,4	135	160	0.8680	657	1000	R 1200
3x16	17,2	84	87	1.9100	383	1000	R 1100
3x25	20,6	111	116	1.2000	550	1000	R 1200
3x35	22,8	126	134	0.8680	686	1000	R 1300
3x50	26,2	149	160	0.6410	909	1000	R 1400
3x70	30,7	192	197	0.4430	1270	1000	R 1500
3x95	35,1	235	234	0.3200	1701	1000	R 1600
3x120	38,5	273	269	0.2530	2067	1000	R 1800
3x150	43,3	316	309	0.2060	2599	1000	R 2000
4x16	19,4	79	87	1.9100	479	1000	R 1200
4x25	23,7	98	116	1.2000	714	1000	R 1200
4x35	26,1	122	134	0.8680	881	1000	R 1300
4x50	29,5	149	160	0.6410	1129	1000	R 1400
4x70	34,1	192	197	0.4430	1536	1000	R 1600
4x95	38,5	235	234	0.3200	2014	1000	R 1800
4x120	42,3	273	269	0.2530	2457	1000	R 2000
4x150	47,2	316	309	0.2060	3041	1000	R 2200
4x185	52,6	363	355	0.1640	3752	1000	R 2400
4x240	59,3	430	418	0.1250	4796	500	R 2000
5x16	22,3	79	87	1.9100	587	1000	R 1300
5x25	26,7	98	111	1.2000	835	1000	R 1400
3x50+25	29,0	149	160	0.641/1.200	1074	1000	R 1400
3x70+35	33,1	192	197	0.443/0.868	1433	1000	R 1500
3x95+50	37,3	235	234	0.320/0.641	1870	1000	R 1700
3x120+70	41,4	273	269	0.253/0.443	2337	1000	R 1900
3x150+70	45,1	316	309	0.206/0.443	2773	1000	R 2100
3x185+195	51,2	341	355	0.164/0.320	3570	1000	R 2300
3x240+120	57,2	395	418	0.125/0.253	4501	500	R 1900

U-1000 / ARVFV

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) PVC İç Kılıf
PVC Inner Sheath
5) Galvanizli Çift Çelik Bant
Galvanized Double Steel Tape
6) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
NFC 32-322

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

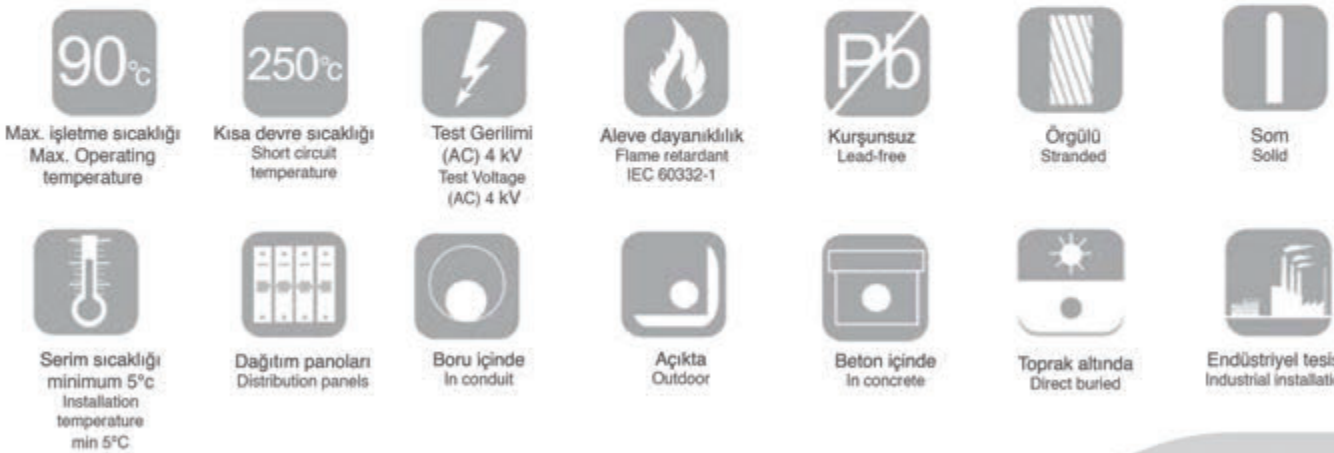
Bu kablolar. sabit tesisler için doğrudan gömülü olarak. kablo kanallarında. iç mekanlarda. açık havada veya suda bulunurlar. Mekanik hasarların beklenebileceği bir ortamda özel olarak kullanılırlar.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

These cables are suitable for fixed installations. directly buried. in cable ducts. indoors. outdoors. or in water. They are specially used in an environment where mechanical damages could be expected.



U-1000 / ARVFV

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) PVC İç Kılıf
PVC Inner Sheath
5) Galvanizli Çift Çelik Bant
Galvanized Double Steel Tape
6) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
NFC 32-322

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

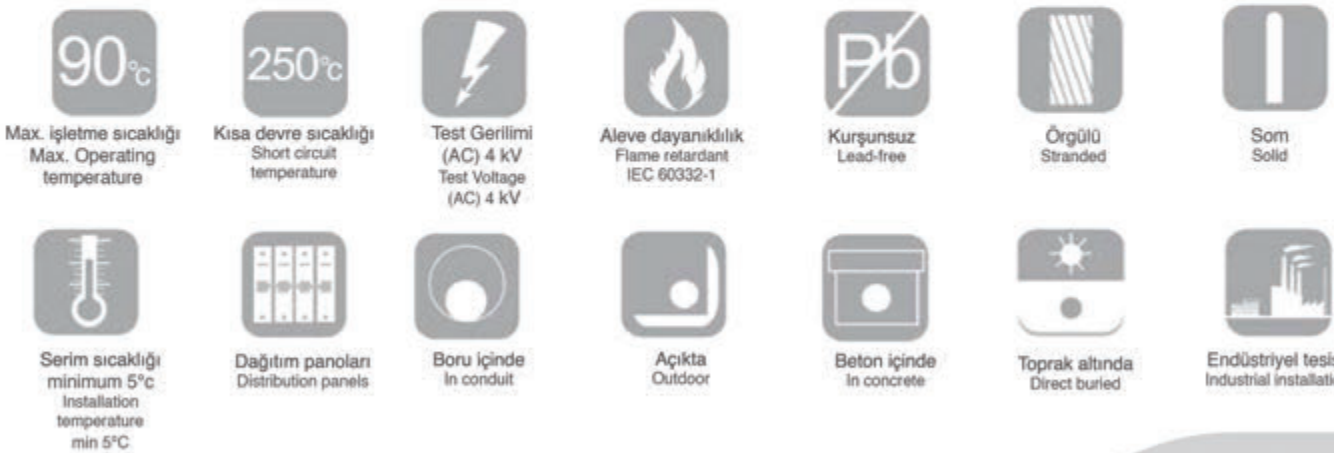
Bu kablolar. sabit tesisler için doğrudan gömülü olarak. kablo kanallarında. iç mekanlarda. açık havada veya suda bulunurlar. Mekanik hasarların beklenebileceği bir ortamda özel olarak kullanılırlar.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

These cables are suitable for fixed installations. directly buried. in cable ducts. indoors. outdoors. or in water. They are specially used in an environment where mechanical damages could be expected.



U-1000 / ARVFV (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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3 x 25	25,0	97	111	1.2000	876	1000	R 1200
3 x 35	27,8	120	134	0.8680	1070	1000	R 1300
3 x 50	31,0	146	160	0.6410	1304	1000	R 1400
3 x 70	35,3	187	197	0.4430	1670	1000	R 1500
3 x 95	41,4	227	234	0.3200	2711	1000	R 1700
3 x 120	44,8	263	266	0.2530	3137	1000	R 1800
3 x 150	49,4	301	302	0.2060	3717	1000	R 2100
4 x 16	23,0	77	87	1.9100	820	1000	R 1100
4 x 25	27,2	97	111	1.2000	1125	1000	R 1300
4 x 35	30,3	120	134	0.8680	1385	1000	R 1400
4 x 50	34,0	146	160	0.6410	1723	1000	R 1500
4 x 70	40,0	187	197	0.4430	2769	1000	R 1600
4 x 95	45,4	227	234	0.3200	3514	1000	R 1900
4 x 120	49,2	263	266	0.2530	4100	1000	R 2200
4 x 150	54,4	304	300	0.2060	4914	1000	R 2300
4 x 185	60,2	347	337	0.1640	5904	1000	R 2000
4 x 240	67,4	409	338	0.1250	7285	500	R 2200
5 x 16	24,7	77	87	1.9100	899	1000	R 1400
5 x 25	29,6	97	111	1.2000	1251	1000	R 1500
3 x 50 + 35	32,0	146	160	0.641/1.200	1500	1000	R 1500
3 x 70 + 50	40,3	187	197	0.443/0.868	2676	1000	R 1600
3 x 95 + 50	43,9	227	234	0.320/0.641	3107	1000	R 1800
3X120+70	46,0	263	266	0.253/0.443	3460	1000	R 2000
3X150+70	50,0	304	300	0.206/0.443	3910	1000	R 2200
3X185+70	53,0	347	337	0.164/0.320	4890	1000	R 2400
3X240+95	62,0	347	337	0.164/0.253	5540	1000	R 2400

YAXZ2V / NA2XRY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE İzole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) Yuvarlak Çelik Zırh teli
Steel Wire Armour (SWA)
5) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

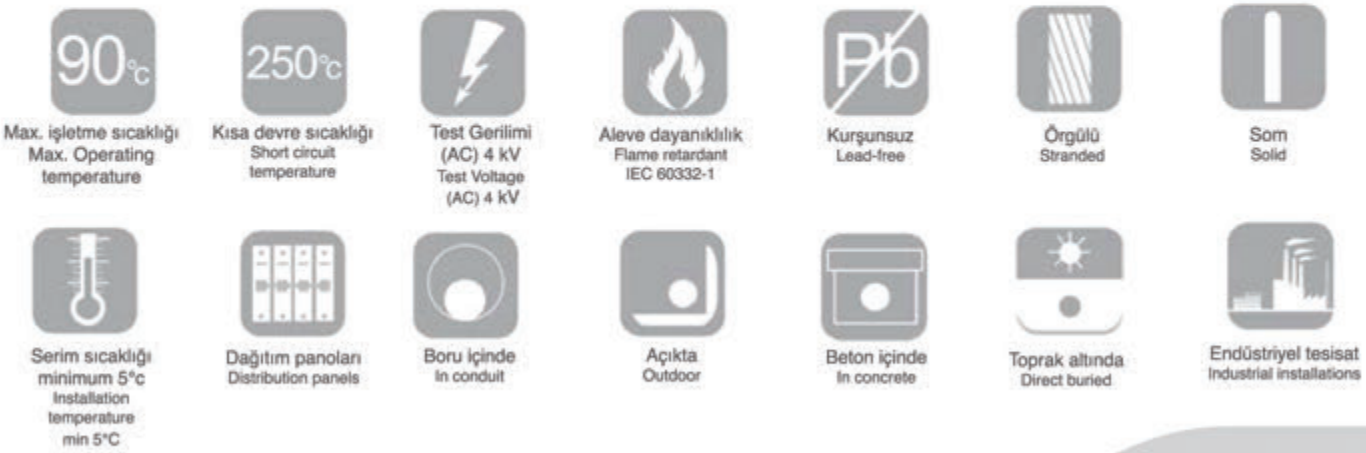
Di elektrik kayıpları çok düşük olan bu kablolar güç merkezlerinde. şalt ve endüstri tesislerinde. yerel enerji dağıtımında güç kablosu olarak; mekanik hasar riskinin yüksek olduğu yerlerde hariçte. dahilde toprak altında veya kablo kanallarında kullanılır.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

These cables with low dielectric loses are used as a power cable at local energy distribution. in power stations. switchgears and industrial plants. used in places where mechanical damage risk is high. outdoors. indoors underground or in cable ducts.



YAXZ2V / NA2XRY (0.6/1kV)

Nominal Kesit Rated Cross-section	Kablo Dış Çapı(Yaklaşık) Overall Diameter of Cable (Approx)	Akım Taşıma Kapasitesi Current Carrying Capacity in		İletken DC Direnci (20°C) Conductor DC Resistance at 20°C	Net Ağırlık (Yaklaşık) Net Weight (Approx)	Ambalaj miktarı Amount of Packing	Ambalaj Packing
		Havada Air	Toprakta Ground				
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1x16	13,9	-	-	1.910	243	1000	R 800
1x25	16,5	106	114	1.200	346	1000	R 1000
1x35	17,5	130	136	0.868	392	1000	R 1000
1x50	18,9	161	162	0.641	463	1000	R 1100
1x70	20,7	204	199	0.443	563	1000	R 1100
1x95	23,2	252	238	0.320	728	1000	R 1200
1x120	24,7	295	272	0.253	836	1000	R 1300
1x150	26,7	339	305	0.206	979	1000	R 1400
1x185	29,0	395	347	0.164	1153	1000	R 1400
1x240	31,8	472	404	0.125	1398	1000	R 1500
1x300	35,2	547	457	0.100	1728	1000	R 1600
1x400	41,1	643	525	0.078	2278	1000	R 1800
1x500	46,4	754	601	0.061	2891	1000	R 1900
3X16	23,4	-	-	1.910	1056	1000	R 1100
3X25	26,9	102	112	1.200	1363	1000	R 1300
3X35	29,3	126	135	0.868	1590	1000	R 1400
3X50	32,6	149	158	0.641	1925	1000	R 1500
3X70	37,7	191	196	0.443	2673	1000	R 1700
3X95	41,7	234	234	0.320	3214	1000	R 1800
3X120	46,3	273	268	0.253	4115	1000	R 2000
3X150	50,8	311	300	0.206	4829	500	R 1700
3X185	55,8	360	342	0.164	5698	500	R 1800
3X240	61,9	427	398	0.125	6876	500	R 2000
3X300	67,3	507	457	0.100	8015	500	R 2200
3X400	76,5	600	529	0.078	10400	250	R 1900

YAXZ2V / NA2XRY (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4X16	25,0	–	–	1.91	1182	1000	R 1100
4X25	29,1	102	112	1.2	1553	1000	R 1400
4X35	31,8	126	135	0.868	1830	1000	R 1500
4X50	36,3	149	158	0.641	2460	1000	R 1600
4X70	41,1	191	196	0.443	3059	1000	R 1800
4X95	46,6	234	234	0.32	4133	1000	R 2000
4X120	50,6	273	268	0.253	4776	500	R 2200
4X150	55,6	311	300	0.206	5633	500	R 1800
4X185	61,2	360	342	0.164	6635	500	R 1900
4X240	68,0	427	398	0.125	8042	500	R 2100
4X300	75,6	507	457	0.1	10268	500	R 2300
4X400	84,0	600	529	0.078	12461	250	R 2100
5x16	26,8	–	–	1.91	1332	1000	R 1400
5x25	31,5	102	112	1.2	1753	1000	R 1500
5x35	35,3	126	135	0.868	2294	1000	R 1600
5x50	39,4	149	158	0.641	2782	1000	R 1800
5x70	45,8	191	196	0.443	3892	1000	R 2000
5x95	50,8	234	234	0.32	4695	500	R 1700
5x120	55,3	273	268	0.253	5514	500	R 1700
5x150	60,8	311	300	0.206	6477	500	R 2000
5x185	67,0	360	342	0.164	7653	250	R 1600
5x240	76,1	427	398	0.125	10171	250	R 1800
5x300	82,9	507	457	0.1	11873	250	R 1900
3x25+16	28,1	102	112	1.200/1.910	1627	1000	R 1300
3x35+16	30,0	126	135	0.868/1.910	1841	1000	R 1400
3x50+25	34,7	149	158	0.641/1.200	2474	1000	R 1500
3x70+35	39,0	191	196	0.443/0.868	3044	1000	R 1700
3x95+50	43,3	234	234	0.320/0.641	3713	1000	R 1800
3x120 +70	48,5	273	268	0.253/0.443	4777	1000	R 2000
3x150+70	52,3	311	300	0.206/0.443	5421	500	R 1700
3x185+95	57,6	360	342	0.164/0.320	6407	500	R 1800
3x240+120	63,7	427	398	0.125/0.253	7674	500	R 2000

YAXZ3V
NA2XFGbY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulationn
3) PVC Dolgu
PVC Filler
4) Galvanizli Yassı Çelik Tel
Galvanized Flat Steel Wire
5) Galvanizli Çelik Tutucu Bant
Galvanized Steel Holder Band
6) PVC Dış Kılıf
PVC Outer Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

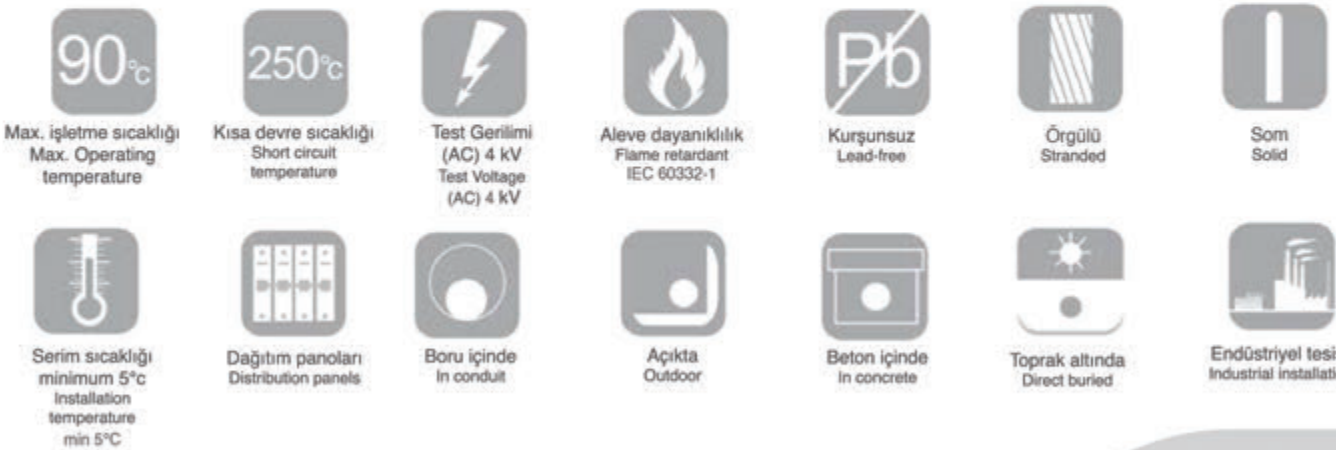
Di elektrik kayıpları çok düşük olan bu kablolar güç merkezlerinde. şalt ve endüstri tesislerinde. yerel enerji dağıtımında güç kablosu olarak; mekanik hasar riskinin yüksek olduğu yerlerde hariçte. dahilde toprak altında veya kablo kanallarında kullanılır.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

These cables with low dielectric loses are used as a power cable at local energy distribution. in power stations. switchgears and industrial plants. used in places where mechanical damage risk is high. outdoors. indoors underground or in cable ducts.



YAXZ3V
NA2XYFGbY

YAXZ3V / NA2XFGbY (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 Air	Current Carrying Capacity in Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3X25	25,1	102	112	1.2	1152	1000	R 1300
3X35	27,4	126	135	0.868	1363	1000	R 1400
3X50	30,7	149	158	0.641	1657	1000	R 1500
3X70	35,5	191	196	0.443	2179	1000	R 1600
3X95	39,4	234	234	0.32	2672	1000	R 1800
3X120	43,0	273	268	0.253	3132	1000	R 1900
3X150	47,9	311	300	0.206	3809	1000	R 2200
3X185	53,0	360	342	0.164	4546	1000	R 2300
3X240	59,6	427	398	0.125	5670	500	R 1900
3X300	65,0	507	457	0.1	6700	500	R 2000
3X400	73,5	600	529	0.078	9500	500	R 2300
4X16	23,3	–	–	1.91	1011	1000	R 1100
4X25	27,2	102	112	1.2	1326	1000	R 1400
4X35	29,9	126	135	0.868	1577	1000	R 1400
4X50	33,5	149	158	0.641	1912	1000	R 1500
4X70	38,9	191	196	0.443	2524	1000	R 1800
4X95	43,4	234	234	0.32	3148	1000	R 1900
4X120	47,8	273	268	0.253	3766	1000	R 2200
4X150	52,9	311	300	0.206	4494	1000	R 2400
4X185	58,9	360	342	0.164	5465	500	R 2000
4X240	65,7	427	398	0.125	6717	500	R 2100
4X300	71,8	507	457	0.1	7958	500	R 2200
4X400	82,0	600	529	0.0778	10650	250	R 2100
5x25	29,6	102	112	1.2	1517	1000	R 1500
5x35	32,6	126	135	0.868	1804	1000	R 1500
5x50	37,1	149	158	0.641	2259	1000	R 1600
5x70	42,5	191	196	0.443	2908	1000	R 1900
5x95	47,9	234	234	0.32	3675	1000	R 2100
5x120	52,4	273	268	0.253	4348	500	R 1700
5x150	58,5	311	300	0.206	5280	500	R 1900
5x185	64,8	360	342	0.164	6353	500	R 2100
5x240	72,4	427	398	0.125	7818	250	R 1700
5x300	79,6	507	457	0.1	9405	250	R 1800
3X25+16	26,2	102	112	1.200/1.910	1227	1000	R 1300
3X35+16	28,2	126	135	0.868/1.910	1422	1000	R 1400
3X50+25	32,0	149	158	0.641/1.200	1759	1000	R 1500
3X70+35	36,7	191	196	0.443/0.868	2288	1000	R 1600
3X95+50	41,1	234	234	0.320/0.641	2844	1000	R 1800
3X120+70	45,2	273	268	0.253/0.443	3408	1000	R 2000
3X150+70	49,5	311	300	0.206/0.443	4011	1000	R 2200
3X185+95	54,7	360	342	0.164/0.320	4827	1000	R 2400
3X240+120	61,4	427	398	0.125/0.253	5982	500	R 2000
3X300+150	67,5	507	457	0.100/ 0.206	7300	500	R 2200
3X400+185	76,0	600	529	0.0778/0.164	9200	500	R 2400

YAXZ4V / NA2XBY

1) Örgülü Alüminyum İletken
   Stranded Aluminium Conductor
2) XLPE İzole
   XLPE Insulation
3) PVC Dolgu
   PVC Filler
4) Galvanizli Çift Çelik Bant
   Galvanized Double Steel Tape
5) PVC Kılıf
   PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD

TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

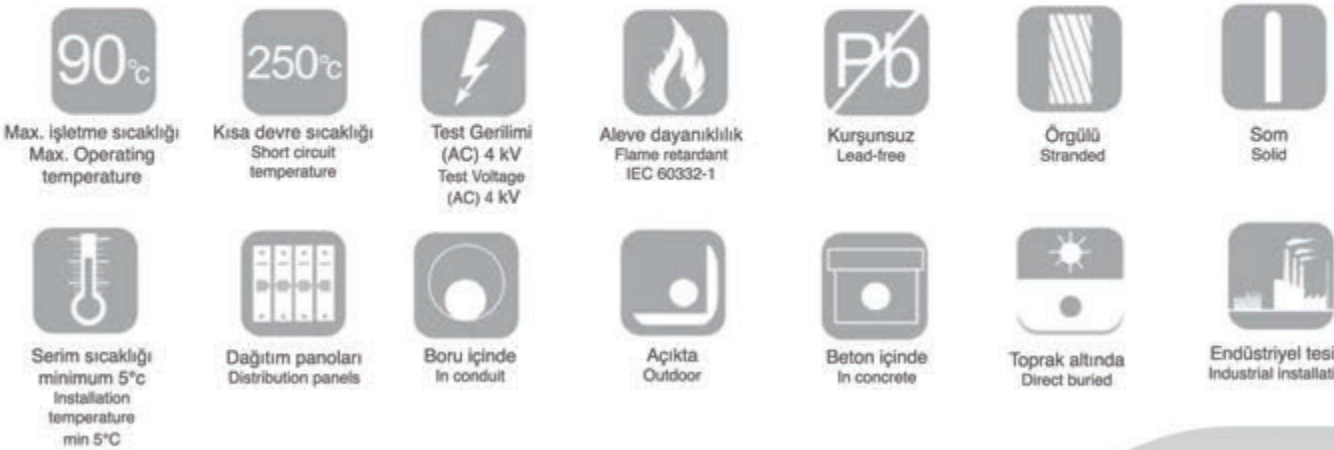
Di elektrik kayıpları çok düşük olan bu kablolar güç merkezlerinde. şalt ve endüstri tesislerinde. yerel enerji dağıtımında güç kablosu olarak; mekanik hasar riskinin yüksek olduğu yerlerde hariçte. dahilde toprak altında veya kablo kanallarında kullanılır.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

These cables with low dielectric loses are used as a power cable at local energy distribution. in power stations. switchgears and industrial plants. used in places where mechanical damage risk is high. outdoors. indoors underground or in cable ducts.



YAXZ4V / NA2XBY

YAXZ4V / NA2XBY (0.6/1kV)

Nominal Kesit	Kablo Dış Çapı(Yaklaşık)	Akım Taşıma Kapasitesi		İletken DC Direnci (20°C)	Net Ağırlık (Yaklaşık)	Ambalaj miktarı	Ambalaj
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
		Air	Ground				
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3 x 25	23,7	102	112	1.200	894	1000	R 1200
3 x 35	25,9	126	135	0.868	1065	1000	R 1300
3 x 50	29,2	149	158	0.641	1335	1000	R 1400
3 x 70	34,0	191	196	0.443	1792	1000	R 1500
3 x 95	39,2	234	234	0.320	2769	1000	R 1700
3 x 120	42,8	273	268	0.253	3255	1000	R 1800
3 x 150	47,7	311	300	0.206	3948	1000	R 2100
3 x 185	52,8	360	342	0.164	4740	1000	R 2300
3 x 240	59,4	427	398	0.125	5891	500	R 2000
3 x 300	64,8	507	457	0.100	6949	500	R 2100
3X400	73,5	600	529	0.078	8450	500	R 2300
3 x 25 + 16	25,5	102	112	1.200/1.910	966	1000	R 1300
3 x 35 + 16	27,4	126	135	0.868/1.910	1116	1000	R 1400
3 x 50 + 25	31,2	149	158	0.641/1.200	1427	1000	R 1500
3 x 70 + 35	35,5	191	196	0.443/0.868	1847	1000	R 1600
3 x 95 + 50	41,1	234	234	0.320/0.641	2896	1000	R 1800
3 x 120 + 70	45,2	273	268	0.253/0.443	3459	1000	R 2000
3 x 150 + 70	49,0	311	300	0.206/0.443	3998	1000	R 2200
3 x 185 + 95	54,3	360	342	0.164/0.320	4820	1000	R 2400
3 x 240 + 120	60,4	427	398	0.125/0.253	5891	500	R 2000
3X400+185	76,0	507	457	0.100/ 0.206	9000	500	R 2200
4 x 16	21,9	600	529	0.0778/0.164	762	500	R 2400
4 x 25	25,7	–	–	1.910	1032	1000	R 1100
4 x 35	28,4	102	112	1.200	1253	1000	R 1300
4 x 50	32,0	126	135	0.868	1569	1000	R 1400
4 x 70	38,7	149	158	0.641	2647	1000	R 1500
4 x 95	43,1	191	196	0.443	3257	1000	R 1600
4 x 120	47,6	234	234	0.320	3905	1000	R 1900
4 x 150	52,6	273	268	0.253	4674	1000	R 2200
4 x 185	58,6	311	300	0.206	5677	1000	R 2300
4 x 240	65,5	360	342	0.164	6984	500	R 2000
4 x 300	71,6	427	398	0.125	8277	500	R 2200
4X400	82,0	507	457	0.100	10450	500	R 2300

YAXCV / NA2XCY

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE İzole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) Konsantrik Bakır İletken
Concentric Copper Conductors
5) Bakır Bant
Copper Tape
6) PVC Kılıf
PVC Sheath

Rm : Çok Telli Yuvarlak iletken
Rm : Multi Wire Round Conductor

STANDARD
TS IEC 60502-1

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 15xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Şehir şebekeleri. cadde aydınlatmaları ve ev bağlantılarında tercihen toprak altında kullanılır. Darbe sonrası hasar görmesi durumunda hat sigortası açılarak devre güvenliği sağlanır.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 15xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

Preferably used underground in mains. street lightings and house connections. In case of physical damage provide the circuit safety by turning off line circuit breaker.

Max. işletme sıcaklığı
Max. Operating temperature

Kısa devre sıcaklığı
Short circuit temperature


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


Aleve 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

YAXCV / NA2XCY (0.6/1kV)

Nominal Kesit	Kablo Dış Çapı(Yaklaşık)	Akım Taşıma Kapasitesi		İletken DC Direnci (20°C)	Net Ağırlık (Yaklaşık)	Ambalaj miktarı	Ambalaj
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
		Havada / Air	Toprakta / Ground				
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1X25/16	15.50	112	116	1.200/1.150	400	1000	R 1000
1X35/16	16.50	137	138	0.868/1.150	450	1000	R 1000
1X50/25	18.50	169	164	0.641/0.727	600	1000	R 1100
1X70/35	21.00	214	201	0.443/0.524	750	1000	R 1100
1X95/50	23.00	263	240	0.320/0.387	1000	1000	R 1200
1X120/70	25.00	308	272	0.253/0.268	1300	1000	R 1300
1X150/70	27.00	349	303	0.206/0.268	1400	1000	R 1400
1X185/95	29.50	401	340	0.164/0.198	1800	1000	R 1400
1X240/120	33.00	469	387	0.125/0.153	2200	1000	R 1500
3X25/16	24.00	104	113	1.200/1.150	800	1000	R 1300
3X35/16	26.50	128	136	0.868/1.150	1000	1000	R 1400
3X50/25	30.50	152	159	0.641/0.727	1350	1000	R 1500
3X70/35	35.00	194	197	0.443/0.524	1850	1000	R 1600
3X95/50	39.50	239	236	0.320/0.387	2350	1000	R 1800
3X120/70	43.00	278	269	0.253/0.268	2950	1000	R 1900
3X150/70	48.50	316	302	0.206/0.268	3600	1000	R 2100
3X185/95	53.00	365	342	0.164/0.198	4450	1000	R 2300
3X240/120	59.50	430	397	0.125/0.153	5600	1000	R 2000
3X300/150	65.50	506	454	0.100/0.124	6850	500	R 2100
3X400/185	74.50	575	520	0.0778/0.0991	8850	500	R 2300

YAXV / NA2XY (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) XLPE İzole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) PVC Kılıf
PVC Sheath

SM : Sektör Kesitli Çoklu Alüminyumiletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

VDE 0276-603

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Bina içinde ve endüstriyel fabrika yada mekanik hasar beklenmeyen dağıtım merkezlerinde ani yük değişimlerinin olduğu tesislerde. yüksek çalışma sıcaklıklarında kullanılmaya uygundur. Kısa süreli ani sıcaklık artış larına dayanıklıdır. PVC'ye oranla yüksek elektrik yalıtımına sahiptir.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

Suitable for using indoor and industrial factory or the distribution centers where mechanical damage is not expected. in plants in which sudden load flactuntions occur and in high operating temperature.Strong aganist sudden temperature rises. Have higher electrical insulation than PVC.

YAXV / NA2XY (SM)

YAXV / NA2XY (SM) (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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3X50	24,3	149	158	0.641	669	1000	R 1200
3X70	27,7	191	196	0.443	897	1000	R 1300
3X95	30,3	234	234	0.320	1148	1000	R 1400
3X120	33,4	273	268	0.253	1409	1000	R 1500
3X150	37,2	311	300	0.206	1748	1000	R 1600
3X185	41,1	360	342	0.164	2147	1000	R 1800
3X240	45,9	427	398	0.125	2730	1000	R 2000
3X50+25	28,15	149	158	0.641/1.200	765	1000	R 1300
3X70+35	29,85	191	196	0.443/0.868	1012	1000	R 1400
3X95+50	33,65	234	234	0.320/0.641	1342	1000	R 1500
3X120+70	39,45	273	268	0.253/0.443	1716	1000	R 1600
3X150+70	41,55	311	300	0.206/0.443	2029	1000	R 1800
3X185+95	45,85	360	342	0.164/0.320	2520	1000	R 1900
3X240+120	51,15	427	398	0.125/0.253	3184	1000	R 2200
4X50	26,6	149	158	0.641	822	1000	R 1300
4X70	30,8	191	196	0.443	1133	1000	R 1500
4X95	34,7	234	234	0.320	1503	1000	R 1600
4X120	38,3	273	268	0.253	1848	1000	R 1800
4X150	42,3	311	300	0.206	2288	1000	R 1900
4X185	46,9	360	342	0.164	2815	1000	R 2100
4X240	52,1	427	398	0.125	3578	300	R 1600

α = 100° + 60°

α = 100° + Ø

α = 90°

α = 120°

Halogen Free

NA2XH (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) XLPE İzole
XLPE Insulation
3) HFFR Dolgu
HFFR Filler
4) HFFR Kılıf
HFFR Sheath

SM : Sektör Kesitli Çoklu Alüminyumiletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD

KULLANIM ALANLARI

Hastanelerde. okullarda. otellerde. alışveriş merkezlerinde. bilgi işlem merkezlerinde. toplu taşımacılık tesislerinde. tünellerde. enerji santrallerinde kullanılırlar.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD

USAGE AREAS

It is used in hospitals. schools. hotels. shopping centers. data processing centers. public transportation premises. tunnels and power plants.

Max. işletme sıcaklığı
Max. Operating temperature

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

Sektör kesit
Sector

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

Boru içinde
In conduit

Açıkta
Outdoor

Beton içinde
In concrete

Toprak altında
Direct buried

Endüstriyel tesisat
Industrial installations

YAXV / NA2XH (SM)

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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3 x 50	23.55	149	158	0.641	606	1000	R 1200
3 x 70	27.15	191	196	0.443	836	1000	R 1300
3 x 95	29.95	234	234	0.320	1095	1000	R 1400
3 x 120	32.95	273	268	0.253	1345	1000	R 1500
3 x 150	36.65	311	300	0.206	1666	1000	R 1600
3 x 185	40.45	360	342	0.164	2046	1000	R 1800
3 x 240	45.15	427	398	0.125	2606	1000	R 2000
3 x 300	49.65	507	457	0.100	3202	500	R 2200
4 x 50	26.45	149	158	0.641	757	1000	R 1300
4 x 70	30.45	191	196	0.443	1039	1000	R 1500
4 x 95	34.25	234	234	0.320	1386	1000	R 1600
4 x 120	37.75	273	268	0.253	1705	1000	R 1800
4 x 150	41.65	311	300	0.206	2108	1000	R 1900
4 x 185	46.05	360	342	0.164	2580	1000	R 2100
4 x 240	51.15	427	398	0.125	3293	300	R 1600
4 x 300	56.15	507	457	0.100	4072	300	R 1800

α = 100° + 60°

α = 100° + Ø

α = 90°

α = 120°

YAXZ2V
NA2XRY (SM)

1) Sektör Kesitli Alüminyum İletken
Stranded Sector Shaped Aluminium Conductor
2) XLPE İzole
XLPE Insulation
3) PVC Dolgu
PVC Filler
4) Yuvarlak Çelik Zırh Teli
Steel Wire Armour (SWA)
5) PVC Kılıf
PVC Sheath

SM : Sektör Kesitli Çoklu Alüminyumiletken
SM : Multi Wire Sectoral Aluminium Conductor

STANDARD

VDE 0276-603

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD

KULLANIM ALANLARI

Bina içinde ve endüstriyel fabrika yada mekanik hasar beklenmeyen dağıtım merkezlerinde ani yük değişimlerinin olduğu tesislerde. yüksek çalışma sıcaklıklarında kullanılmaya uygundur. Kısa süreli ani sıcaklık artış larına dayanıklıdır. PVC'ye oranla yüksek elektrik yalıtımına sahiptir.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD

USAGE AREAS

Suitable for using indoor and industrial factory or the distribution centers where mechanical damage is not expected. in plants in which sudden load flactuntions occur and in high operating temperature.Strong aganist sudden temperature rises. Have higher electrical insulation than PVC.

YAXZ2V / NA2XRY (SM)

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 Air	Ground	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm²	mm	A	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
3X50	28.5	149	158	0.641	1380	1000	R 1400
3X70	32.2	191	196	0.443	1750	1000	R 1500
3X95	37	234	234	0.320	2420	1000	R 1600
3X120	40.4	273	268	0.253	2820	1000	R 1800
3X150	45.5	311	300	0.206	3660	1000	R 2000
3X185	49.8	360	342	0.164	4350	1000	R 2200
3X240	55.1	427	398	0.125	5220	300	R 1500
3X50+25	31.2	149	158	0.641/1.200	1830	1000	R 1500
3X70+35	36.6	191	196	0.443/0.868	2420	1000	R 1600
3X95+50	41	234	234	0.320/0.641	2860	1000	R 1800
3X120+70	45.3	273	268	0.253/0.443	3470	1000	R 2000
3X150+70	50	311	300	0.206/0.443	4480	1000	R 2200
3X185+95	55.3	360	342	0.164/0.320	5310	300	R 1500
3X240+120	61.1	427	398	0.125/0.253	6510	300	R 1600
4X50	32	149	158	0.641	1720	1000	R 1500
4X70	37.7	191	196	0.443	2520	1000	R 1600
4X95	41.7	234	234	0.320	3040	1000	R 1800
4X120	47.1	273	268	0.253	4010	1000	R 2100
4X150	51.4	311	300	0.206	4580	300	R 1500
4X185	56.6	360	342	0.164	5490	300	R 1600
4X240	63	427	398	0.125	6710	250	R 1600

$\alpha = 100° + 60°$

$\alpha = 100° + Ø$

$\alpha = 90°$

$\alpha = 120°$

ABC

1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) XLPE izole
XLPE Insulation
3) Askı Teli
Hanger Wire

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD

KULLANIM ALANLARI

Kırsal ve ağaçlık alanlarda köy elektirik sistemlerinde kullanılır. Çıplak hava-i hat iletkenlerine göre kısa devre ve yanlışlıkla dokunularak çarpılmaya karşı daha güvenlidir.

TECHNICAL DATA

Permissible operating temperature	: 90°C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD

USAGE AREAS

It is used at electrical systems of villages at rural areas and woodlands. It is safer than bare transmision lines. against short circuit and accidentally touch.

Max. işletme sıcaklığı
Max. Operating temperature

Kısa devre sıcaklığı
Short circuit temperature


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


Aleve dayanıklılık
Flame retardant IEC 60332-1

Kurşunsuz
Lead-free


Örgülü
Stranded


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


Açıkta
Outdoor


Havai Hat
Aerial

HD 626

İLETKENLERİN SAYISI VE ANMA KESİT ALANI	YALITILMIŞ İLETKENLER							ASKI TELİ			KABLO	
	INSULATED CONDUCTORS							WIRE HANGER			CABLE	
NUMBER AND REMEMBRANCE SECTIONAL AREA OF THE CONDUC - TOR	Sayı ve Kesit Alanı Number and Cross Section	Tel Sayısı No of Wires	Ortalama Çap Nominal Diameter of Conductor	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C	Akım Taşıma Kapasitesi Cuurent Carrying Capacity	Sayı ve Kesit Alanı Number and cross section	Akım Taşıma Kapasitesi Cuurent Carrying Capacity	Askı Teli Ortalama Çap AverageDi - ameter Wire Hangers	Kopma Yükü Tensile Strength	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C	Bükülü Çap Twisted Diameter	Yaklaşık Net Ağırlık Net Weight (Approx)
mm2	mm2	Adet	mm	ohm/km	A	mm2	A	mm	kN	ohm/km	mm	kg/km
2 x 16	2X16	7	4.7	1.91	93	-	-	-	-	-	15	130
2 x 25	2X25	7	5.9	1.2	122	-	-	-	-	-	18.5	180
2 x 35	2X35	7	6.9	0.868	129	-	-	-	-	-	2	240
2 x 50	2X50	7	8.1	0.641	158	-	-	-	-	-	24	320
2 x 70	2X70	14	9.7	0.443	203	-	-	-	-	-	26	450
3 x 16	3X16	7	4.7	1.91	83	-	-	-	-	-	16	190
3 x 25	3X25	7	5.9	1.2	111	-	-	-	-	-	20	280
3 x 35	3X35	7	6.9	0.868	131	-	-	-	-	-	22	360
3 x 50	3X50	7	8.1	0.641	168	-	-	-	-	-	24	490
3 x 70	3X70	14	9.7	0.443	213	-	-	-	-	-	28	670
3 x 95	3X95	19	11.4	0.32	258	-	-	-	-	-	32	940
3 x 120	3X120	19	12.928	0.253	300	-	-	-	-	-	36	1150
3 x 150	3X150	14	14.241	0.206	344	-	-	-	-	-	38	1390
4 x 16	4X16	7	4.7	1.91	83	-	-	-	-	-	18	260
4 x 25	4X25	7	5.9	1.2	111	-	-	-	-	-	22	370
4 x 35	4X35	7	6.9	0.868	131	-	-	-	-	-	26	480
4 x 50	4X50	7	8.1	0.641	168	-	-	-	-	-	28	650
4 x 70	4X70	14	9.7	0.443	213	-	-	-	-	-	32	900
4 x 95	4X95	19	11.4	0.32	258	-	-	-	-	-	36	1250
4 x 120	4X120	19	12.928	0.253	300	-	-	-	-	-	40	1530
4 x 150	4X150	30	14.241	0.206	344	-	-	-	-	-	44	1850
3 x 16 + 10	3X16	7	4.7	1.91	103	-	-	6.6	-	-	26	240
3 x 25 + 16	3X25	7	5.9	1.2	132	-	-	7.8	-	-	28	350
3 x 35 + 16	3X35	7	6.9	0.868	139	-	-	7.8	-	-	31	430
3 x 35 + 25	3X35	7	6.9	0.868	139	-	-	8.6	7.4	1.38	31	460
3 x 50 + 25	3X50	7	8.1	0.641	168	-	-	8.6	7.4	1.38	34	580
3 x 70 + 25	3X70	14	9.7	0.443	213	-	-	8.6	7.4	1.38	38	770
3 x 70 + 35	3X70	14	9.7	0.443	213	-	-	9.6	10.3	0.986	38	800
3 x 95 + 50	3X95	19	11.4	0.32	258	-	-	11.3	14.2	0.72	42	1110
3 x 120 + 70	3X120	19	12.928	0.253	300	-	-	12.9	20.6	0.493	46	1380
3 x 150 + 70	3X150	30	14.241	0.206	344	-	-	12.9	20.6	0.493	48	1630
3 x 25 + 16 + 16	3X25	7	5.9	1.2	132	1X16	60	7.8	-	-	28	410
3 x 35 + 16 + 16	3X35	7	6.9	0.868	139	1X16	60	7.8	-	-	31	490
3 x 35 + 25 + 16	3X35	7	6.9	0.868	139	1X16	60	8.6	7.4	1.38	32	520
3 x 50 + 25 + 16	3X50	7	8.1	0.641	168	1X16	60	8.6	7.4	1.38	34	650
3 x 50 + 35 + 16	3X50	7	8.1	0.641	168	1X16	60	9.6	10.3	0.986	35	680
3 x 70 + 25 + 16	3X70	14	9.7	0.443	213	1X16	60	8.6	7.4	1.38	36	830
3 x 70 + 35 + 16	3X70	14	9.7	0.443	213	1X16	60	9.6	10.3	0.986	37	860
3 x 70 + 50 + 16	3X70	14	9.7	0.443	213	1X16	60	11.3	14.2	0.72	40	910
3 x 95 + 35 + 16	3X95	19	11.4	0.32	258	1X16	60	9.6	10.3	0.986	42	1130
3 x 95 + 50 + 16	3X95	19	11.4	0.32	258	1X16	60	11.3	14.2	0.72	44	1170
3 x 95 + 70 + 16	3X95	19	11.4	0.32	258	1X16	60	12.9	20.6	0.493	46	1240
3 x 120 + 70 + 16	3X120	19	12.928	0.253	300	1X16	60	12.9	20.6	0.493	47	1440
3 x 150 + 70 + 16	3X150	30	14.241	0.206	344	1X16	60	12.9	20.6	0.493	49	1690

NFC-33-209

İLETKENLERİN SAYISI VE ANMA KESİT ALANI	YALITILMIŞ İLETKENLER							ASKI TELİ			KABLO	
	INSULATED CONDUCTORS							WIRE HANGER			CABLE	
NUMBER AND REMEMBRANCE SECTIONAL AREA OF THE CONDUCTOR	Sayı ve Kesit Alanı	Tel Sayısı	Ortalama Çap	İletken DC Direnci (20°C)	Akım Taşıma Kapasitesi	Sayı ve Kesit Alanı	Akım Taşıma Kapasitesi	Askı Teli Ortalama Çap	Kopma Yükü	İletken DC Direnci (20°C)	Bükülü Çap	Yaklaşık Net Ağırlık
	Number and Cross Section	No of Wires	Nominal Diameter of Conductor	Conductor DC Resistance at 20°C	Cuurent Carrying Capacity	Number and cross section	Cuurent Carrying Capacity	AverageDi - ameter Wire Hangers	Tensile Strength	Conductor DC Resistance at 20°C	Twisted Diameter	Net Weight (Approx)
mm2	mm2	Adet	mm	ohm/km	A	mm2	A	mm	kN	ohm/km	mm	kg/km
2 x 16	2X16	7	4.7	1.91	93	-	-	-	-	-	15	120
2 x 25	2X25	7	5.9	1.2	122	-	-	-	-	-	18.5	190
2 x 35	2X35	7	6.9	0.868	129	-	-	-	-	-	2	250
2 x 50	2X50	7	8.1	0.641	158	-	-	-	-	-	24	330
4 x 16	4X16	7	4.7	1.91	83	-	-	-	-	-	18	250
4 x 25	4X25	7	5.9	1.2	111	-	-	-	-	-	22	380
4 x 35	4X35	7	6.9	0.868	131	-	-	-	-	-	26	510
4 x 50	4X50	7	8.1	0.641	168	-	-	-	-	-	28	660
4 x 70	4X70	12	9.7	0.443	213	-	-	-	-	-	32	940
4 x 95	4X95	19	11.4	0.32	258	-	-	-	-	-	36	1270
4 x 120	4X120	19	12.8	0.253	300	-	-	-	-	-	40	1550
3 x 25 + 54.6	3X25	7	5.9	1.2	111	-	-	12.8	16.6	0.63	30	490
3 x 35 + 54.6	3X35	7	6.9	0.868	131	-	-	12.8	16.6	0.63	33	590
3 x 50 + 54.6	3X50	7	8.1	0.641	168	-	-	12.8	16.6	0.63	36	700
3 x 70 + 54.6	3X70	12	9.7	0.443	213	-	-	12.8	16.6	0.63	38	910
3 x 70 + 70	3X70	12	9.7	0.443	213	-	-	13.3	20.6	0.493	41	970
3 x 95 + 54.6	3X95	19	11.4	0.32	258	-	-	12.8	16.6	0.63	44	1160
3 x 95 + 70	3X95	19	11.4	0.32	258	-	-	13.3	20.6	0.493	44	1210
3 x 120 + 70	3X120	19	12.928	0.253	300	-	-	13.3	20.6	0.493	46	1420
3 x 150 + 95	3X150	30	14.241	0.206	344	-	-	16	27.9	0.363	48	1730
3 x 25 + 54.6 + 16	3X25	7	5.9	1.2	111	1X16	60	12.8	16.6	0.63	30	550
3 x 35 + 54.6 + 16	3X35	7	6.9	0.868	131	1X16	60	12.8	16.6	0.63	33	650
3 x 50 + 54.6 + 16	3X50	7	8.1	0.641	168	1X16	60	12.8	16.6	0.63	36	760
3 x 50 + 54.6 + 25	3X50	7	8.1	0.641	168	1X25	-	12.8	16.6	0.63	37	800
3 x 70 + 54.6 + 16	3X70	12	9.7	0.443	213	1X16	60	12.8	16.6	0.63	38	970
3 x 70 + 54.6 + 25	3X70	12	9.7	0.443	213	1X25	-	12.8	16.6	0.63	39	1010
3 x 70 + 70 + 16	3X70	12	9.7	0.443	213	1X16	60	13.3	20.6	0.493	41	1030
3 x 70 + 70 + 25	3X70	12	9.7	0.443	213	1X25	-	13.3	20.6	0.493	42	1060
3 x 95 + 54.6 + 16	3X95	19	11.4	0.32	258	1X16	60	12.8	16.6	0.63	44	1220
3 x 95 + 54.6 + 25	3X95	19	11.4	0.32	258	1X25	-	12.8	16.6	0.63	45	1250
3 x 95 + 70 + 16	3X95	19	11.4	0.32	258	1X16	60	13.3	20.6	0.493	44	1280
3 x 95 + 70 + 25	3X95	19	11.4	0.32	258	1X25	-	13.3	20.6	0.493	45	1310
3 x 120 + 70 + 16	3X120	19	12.928	0.253	300	1X16	60	13.3	20.6	0.493	46	1480
3 x 120 + 70 + 25	3X120	19	12.928	0.253	300	1X25	-	13.3	20.6	0.493	47	1520
3 x 120 + 95 + 25	3X120	19	12.928	0.253	300	1X25	-	16	27.9	0.363	48	1600
3 x 150 + 95 + 16	3X150	30	14.241	0.206	344	1X16	60	16	27.9	0.363	49	1800
3 x 150 + 95 + 25	3X150	30	14.241	0.206	344	1X25	-	16	27.9	0.363	50	1830
3 x 25 + 54.6 + 2x 16	3X25	7	5.9	1.2	111	2X16	-	12.8	16.6	0.63	30	610
3 x 35 + 54.6 + 2x 16	3X35	7	6.9	0.868	131	2X16	-	12.8	16.6	0.63	33	710
3 x 50 + 54.6 + 2x 16	3X50	7	8.1	0.641	168	2X16	-	12.8	16.6	0.63	36	830
3 x 50 + 54.6 + 2x 25	3X50	7	8.1	0.641	168	2X25	-	12.8	16.6	0.63	37	890
3 x 70 + 54.6 + 2x 16	3X70	12	9.7	0.443	213	2X16	-	12.8	16.6	0.63	38	1040
3 x 70 + 54.6 + 2x 25	3X70	12	9.7	0.443	213	2X25	-	12.8	16.6	0.63	40	1100
3 x 70 + 70 + 2x16	3X70	12	9.7	0.443	213	2X16	-	13.3	20.6	0.493	41	1090
3 x 70 + 70 + 2x 25	3X70	12	9.7	0.443	213	2X25	-	13.3	20.6	0.493	43	1160
3 x 95 + 54.6 + 2x 16	3X95	19	11.4	0.32	258	2X16	-	12.8	16.6	0.63	40	1280
3 x 95 + 54.6 + 2x 25	3X95	19	11.4	0.32	258	2X25	-	12.8	16.6	0.63	42	1350
3 x 95 + 70 + 2x 16	3X95	19	11.4	0.32	258	2X16	-	13.3	20.6	0.493	44	1340
3 x 95 + 70 + 2x 25	3X95	19	11.4	0.32	258	2X25	-	13.3	20.6	0.493	46	1400
3 x 120 + 70 + 2x 16	3X120	19	12.928	0.253	300	2X16	-	13.3	20.6	0.493	46	1550
3 x 120 + 70 + 2x 25	3X120	19	12.928	0.253	300	2X25	-	13.3	20.6	0.493	48	1610
3 x 150 + 95 + 2x 16	3X150	30	14.241	0.206	344	2X16	-	16	27.9	0.363	48	1860
3 x 150 + 95 + 2x 25	3X150	30	14.241	0.206	344	2X25	-	16	27.9	0.363	50	1930

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1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
2) PE izole
PE Insulation
3) Askı Teli
Hanger Wire

STANDARD

TS 11654

TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 2500 Volt
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD

KULLANIM ALANLARI

Kırsal ve ağaçlık alanlarda köy elektirik sistemlerinde kullanılır. Çıplak hava-i hat iletkenlerine göre kısa devre ve yanlışlıkla dokunularak çarpılmaya karşı daha güvenlidir.

TECHNICAL DATA

Permissible operating temperature	: 90°C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 2500 Volt
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD

USAGE AREAS

It is used at electrical systems of villages at rural areas and woodlands. It is safer than bare transmision lines. against short circuit and accidentally touch.

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İLETKENLERİN SAYISI VE ANMA KESİT ALANI	YALITILMIŞ İLETKENLER							ASKI TELİ			KABLO	
	INSULATED CONDUCTORS							WIRE HANGER			CABLE	
NUMBER AND REMEMBRANCE SECTIONAL AREA OF THE CONDUC - TOR	Sayı ve Kesit Alanı Number and Cross Section	Tel Sayısı No of Wires	Ortalama Çap Nominal Diameter of Conductor	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C	Akım Taşıma Kapasitesi Cuurent Carrying Capacity	Sayı ve Kesit Alanı Number and cross section	Akım Taşıma Kapasitesi Cuurent Carrying Capacity	Askı Teli Ortalama Çap AverageDi - ameter Wire Hangers	Kopma Yükü Tensile Strength	İletken DC Direnci (20°C) Conductor DC Resistance at 20°C	Bükülü Çap Twisted Diameter	Yaklaşık Net Ağırlık Net Weight (Approx)
mm2	mm2	Adet	mm	ohm/km	A	mm2	A	mm	kN	ohm/km	mm	kg/km
1X16+25	1X16	1	4.4	1.91	75	-	-	5.9	7.4	1.38	15	140
1X25+35	1X25	7	5.9	1.20	10	-	-	6.9	10.3	0.986	17	200
1X35+50	1X35	7	6.9	0.868	125	-	-	8.1	14.2	0.720	20	275
3X16+25	3X16	1	4.4	1.91	70	-	-	5.9	7.4	1.38	22	275
3X25+35	3X25	7	5.9	1.20	90	-	-	6.9	10.3	0.986	26	400
3X35+50	3X35	7	6.9	0.868	115	-	-	8.1	14.2	0.720	30	575
3X50+70	3X50	7	8.1	0.641	140	-	-	9.6	20.6	0.493	35	750
3X70+95	3X70	7	9.6	0.443	180	-	-	11.4	27.9	0.363	41	1050
3X120+95	3X120	19	12.8	0.253	250	-	-	11.4	27.9	0.363	47	1550
4X16+25	4X16	1	4.4	1.91	70	-	-	5.9	7.4	1.38	24	375
4X25+35	4X25	7	5.9	1.20	90	-	-	6.9	10.3	0.986	28	550
4X35+50	4X35	7	6.9	0.868	115	-	-	8.1	14.2	0.720	32	750
4X50+70	4X50	7	8.1	0.641	140	-	-	9.6	20.6	0.493	38	1000
4X70+95	4X70	7	9.6	0.443	180	-	-	11.4	27.9	0.363	45	1350
1X16+1X16+25	1X16	1	4.4	1.91	70	1X16	60	5.9	7.4	1.38	15	225
3X16+1X16+25	3X16	1	4.4	1.91	60	1X16	60	5.9	7.1	1.38	22	350
3X25+1X16+35	3X25	7	5.9	1.20	80	1X16	60	6.9	10.3	0.986	26	475
3X35+1X16+50	3X35	7	6.9	0.868	95	1X16	60	8X1	14.2	0.720	30	625
3X50+1X16+70	3X50	7	8.1	0.641	120	1X16	60	9.6	20.6	0.493	35	800
3X70+1X16+95	3X70	7	9.6	0.443	150	1X16	60	11.4	27.9	0.363	41	1100
4X16+1X16+25	4X16	1	4.4	1.91	60	1X16	60	5.9	7.4	1.38	25	450
4X25+1X16+35	4X25	7	5.9	1.20	80	1X16	60	6.9	10.3	0.986	30	610
4X35+1X16+50	4X35	7	6.9	0.868	95	1X16	60	8.1	14.2	0.720	34	810
4X50+1X16+70	4X50	7	8.1	0.641	120	1X16	60	9.63	20.6	0.493	40	1060
4X70+1X16+95	4X70	7	9.6	0.443	150	1X16	60	11.4	27.9	0.363	47	1420

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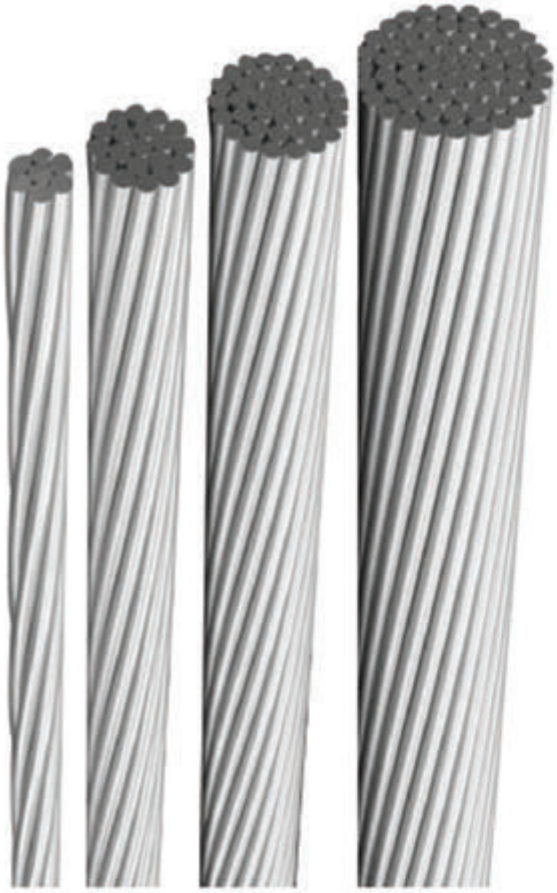
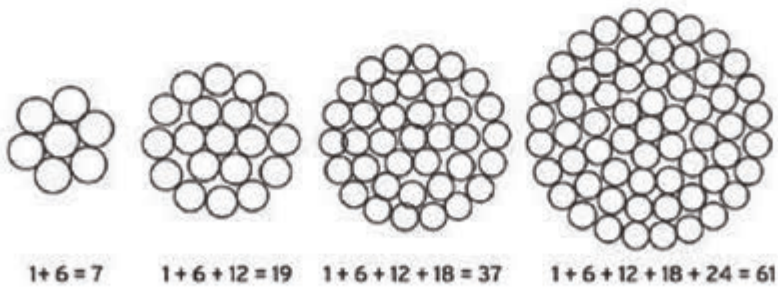


TEKNİK BİLGİLER

Alçak gerilim dağıtım hatlarında kullanılan Tam Alüminyum İletkenler TS EN 50182 Standartlarına uygun olarak imal edilirler. İletkenler 7 veya daha fazla telde eş merkez tabakalı olarak örülürler. Eğer iletken birden fazla tabakadan oluşuyorsa bitişik tabakalar birbirine ters adım yönünde örülür. İstenildiğinde DIN. BS. ASTM. CSA. NF. EN standatlarına uygun üretim yapılabilir. İletkenler. genel olarak standart ağaç makaralar üzerinde teslim edilir.

TECHNICAL DATA

Pure Aluminium Conductors. which are used in low voltage distribution lines are produces in accordance with TS EN 50182 standards. Conductors are stranded with seven or more wires as concentrically. If conductors are consist of more than one layer. then they are stranded in reverse direction to each other. Upon request. conductors can be produced in accordance with DIN. BS. ASTM. CSA. NF. EN standarts. Conductors are generaly delivered on wooden drums.



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Kod	Tel Sayısı ve Tel Çapı	Dış Çap	Kesit Alanı	Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
Code	Number and Wire Diameter	Overall Diameter	Cross Section	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
-	mm	mm	mm²	kg / km	kN	Ohm / km	A
Rose	7/1.96	5.88	21.10	58.2	3.91	1.3620	138
Iris	7/2.47	7.41	33.60	92.6	5.99	0.8574	185
Pansy	7/2.78	8.34	42.40	116.6	7.30	0.6801	214
Poppy	7/3.12	9.36	53.50	147.2	8.84	0.5390	247
Aster	7/3.50	10.50	67.40	185.7	11.10	0.4276	286
Phlox	7/3.93	11.79	85.00	233.9	13.50	0.3390	331
Oxlip	7/4.42	13.26	107.20	295.2	17.00	0.2688	383
Valerian	19/2.91	14.55	126.70	348.6	20.70	0.2275	425
Sneezewort	7/4.80	14.40	126.70	348.8	20.10	0.2275	425
Laurel	19/3.10	15.05	135.20	372.2	22.10	0.2133	443
Daisy	7/4.96	14.88	135.20	372.3	21.40	0.2133	443
Peony	19/3.19	15.95	152.00	418.3	24.30	0.1896	478
Tulip	19/3.38	16.90	170.50	469.5	27.30	0.1695	513
Daffodil	19/3.45	17.25	177.30	487.9	28.40	0.1625	526
Canna	19/3.67	18.35	201.40	554.9	31.60	0.1432	570
Goldentuft	19/3.91	19.55	228.00	627.6	35.00	0.1264	616
Syringa	37/2.88	20.16	242.00	664.8	38.60	0.1193	639
Cosmos	19/4.02	20.10	242.00	664.8	37.00	0.1193	639
Hyacinth	37/2.95	20.65	253.30	696.8	40.50	0.1137	658
Zinnia	19/4.12	20.60	253.30	697.1	38.90	0.1137	658
Dahlia	19/4.35	21.75	282.00	775.8	43.30	0.1023	703
Mistletoe	37/3.12	21.84	282.00	775.7	44.30	0.1023	704
Meadowsweet	37/3.23	22.61	304.00	836.3	47.50	0.0948	738
Orchid	37/3.33	23.31	323.30	886.9	50.40	0.0893	765
Heuchera	37/3.37	23.59	329.40	907.4	51.70	0.0875	775
Flag	61/2.72	24.48	354.70	975.8	57.10	0.0813	812
Varbena	37/3.49	24.43	354.70	975.7	55.40	0.0813	812
Nasturtium	61/2.75	24.75	362.60	998.5	58.40	0.0795	823
Violet	37/3.53	24.71	362.60	998.5	56.70	0.0795	823
Cattail	61/2.82	25.38	380.00	1046.0	60.30	0.0759	847
Petunia	37/3.62	25.34	380.00	1046.0	58.60	0.0759	847
Lilac	61/2.90	26.10	402.80	1110.0	63.80	0.0715	878
Arbustus	37/3.72	26.04	402.80	1109.0	61.80	0.0715	878
Snapdragon	61/3.09	27.81	456.00	1256.0	70.80	0.0632	948
Cockscomb	37/3.96	27.72	456.00	1256.0	68.40	0.0632	948
Goldenrod	61/3.18	28.62	483.40	1331.0	75.00	0.0596	982
Magnolia	37/4.08	28.56	483.40	1331.0	72.60	0.0596	982
Camellia	61/3.25	29.25	506.70	1394.0	78.30	0.0596	1010
Hawkweed	37/4.18	29.26	506.70	1395.0	76.20	0.0596	1010
Larkspur	61/3.31	29.79	523.70	1442.0	81.30	0.0550	1031
Bluebell	37/4.25	29.75	523.70	1441.0	78.80	0.0550	1031
Marigold	61/3.43	30.87	564.00	1553.0	87.30	0.0511	1079
Hawthorn	61/3.55	31.95	604.20	1662.0	93.50	0.0447	1124
Narcissus	61/3.67	33.03	644.50	1774.0	98.10	0.0447	1169
Columbine	61/3.78	34.02	694.80	1884.0	104.00	0.0421	1212
Carnation	61/3.89	35.01	725.10	1997.0	108.00	0. 0398	1253
Gladiolus	61/4.00	36.00	765.41	2108.0	114.00	0.0376	1294
Coreopsis	61/4.10	36.90	805.70	2216.0	120.00	0.0358	1333
Jessamine	61/4.30	38.70	886.70	2442.0	132.00	0.0325	1408
Cowslip	91/3.77	41.47	1013.00	2787.0	153.00	0.0284	1518
Sagebrush	91/3.99	43.89	1140.00	3166.0	167.00	0.0255	1612
Lupine	91/4.21	46.31	1267.00	3519.0	186.00	0.0230	1706
Bitterroot	91/4.42	48.62	1393.00	3872.0	205.00	0.0209	1793
Trillium	127/3.90	50.70	1520.00	4226.0	223.00	0.0191	1874
Bluebonnet	127/4.22	54.86	1773.00	4977.0	261.00	0.0166	2024

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IEC 61089 : 1991

Kod	Tel Sayısı ve Tel Çapı	Dış Çap	Kesit Alanı	Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci
Code	Number and Wire Diameter	Overall Diameter	Cross Section	Net Weight (Approx)	Rated Stenght	DC Resistance
-	mm	mm	mm²	kg / km	kN	Ohm / km
16	7/1.71	5.12	16	43.8	3.04	1.7896
25	7/2.13	6.40	25	68.4	4.50	1.1453
40	7/2.70	8.09	40	109.4	6.80	0.7158
63	7/3.39	10.20	63	172.3	10.39	0.4545
100	19/2.59	12.90	100	274.8	17.00	0.2877
125	19/2.89	14.50	125	343.8	21.25	0.2302
160	19/3.27	16.40	160	439.8	26.40	0.1798
200	19/3.66	18.30	200	549.7	32.00	0.1439
250	19/4.09	20.50	250	687.1	40.00	0.1151
315	37/3.29	23.00	315	867.9	51.97	0.0916
400	37/3.71	26.00	400	1102.0	64.00	0.0721
450	37/3.94	27.50	450	1239.8	72.00	0.0641
500	37/4.15	29.00	500	1377.6	80.00	0.0577
560	37/4.39	30.70	560	1542.9	89.60	0.0515
630	61/3.63	32.60	630	1738.3	100.80	0.0458
710	61/3.85	34.60	710	1959.1	113.60	0.0407
800	61/4.09	36.80	800	2207.4	128.00	0.0361
900	61/4.33	39.00	900	2483.3	144.00	0.0321
1000	61/4.57	41.10	1000	2759.2	160.00	0.0289
1120	91/3.96	43.50	1120	3093.5	179.20	0.0258
1250	91/4.18	46.00	1250	3452.6	200.00	0.0231
1400	91/4.43	48.70	1400	3866.9	224.00	0.0207
1500	91/4.58	50.40	1500	4143.1	240.00	0.0193

ALMAN STANDARDI / GERMAN STANDARDS

EN 50182 -DIN 48201 PART 5

Kod	Eski Kod	Tel Sayısı ve Tel Çapı	Dış Çap	Kesit Alanı	Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
Code	Old Code	Number and Wire Diameter	Overall Diameter	Cross Section	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
-	-	mm	mm	mm²	kg / km	kN	Ohm / km	A
16 - AL1	16	7/1.70	5.1	15.9	43.4	3.02	1.7986	110
24 - AL1	25	7/2.10	6.3	24.2	66.3	4.36	1.1787	144
34 - AL1	35	7/2.50	7.5	34.4	93.9	6.01	0.8317	180
49 - AL1	50	7/3.00	9.0	49.5	135.2	8.41	0.5776	225
48 - AL1	50	19/1.80	9.0	48.3	132.9	8.94	0.5944	225
66 - AL1	70	19/2.10	10.5	65.8	180.9	11.85	0.4367	270
93 - AL1	95	19/2.50	12.5	93.3	256.3	16.32	0.3081	340
117 - AL1	120	19/2.80	14.0	117.0	321.5	19.89	0.2456	390
147 - AL1	150	37/2.25	15.8	147.1	405.7	26.48	0.1960	455
182 - AL1	185	37/2.50	17.5	181.6	500.9	31.78	0.1588	520
243 - AL1	240	61/2.25	20.3	242.5	671.1	43.66	0.1193	625
299 - AL1	300	61/2.50	22.5	299.4	828.5	52.40	0.0966	710
400 - AL1	400	61/2.89	26.0	400.1	1107.1	68.02	0.0723	855
500 - AL1	500	61/3.23	29.1	499.8	1382.9	82.47	0.0579	990
626 - AL1	625	91/2.69	32.6	626.2	1739.7	106.45	0.0464	1140
802 - AL1	800	91/3.35	36.9	802.1	2218.3	132.34	0.0362	1340
1000 - AL1	1000	91/3.74	41.1	999.7	2777.3	159.95	0.0291	1540

AAC KANADA STANDARDI / CANADA STANDARDS

CSA C 49

Kod	Tel Sayısı ve Tel Çapı	Dış Çap	Kesit Alanı	Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
Code	Number and Wire Diameter	Overall Diameter	Cross Section	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
-	mm	mm	mm²	kg / km	kN	Ohm / km	A
Rose	7/1.96	5.89	21.16	58	4.1	1.3510	104
Lily	7/2.20	6.61	26.65	73	5.0	1.0720	124
Iris	7/2.47	7.42	33.61	92	6.2	0.8497	136
Pansy	7/2.77	8.33	42.39	116	7.6	0.6739	157
Poppy	7/3.12	9.36	53.48	146	9.2	0.5341	180
Aster	7/3.50	10.51	67.42	184	11.6	0.4236	207
Phlox	7/3.93	11.80	85.03	232	14.1	0.3360	237
Oxlip	7/4.41	13.25	107.23	293	17.7	0.2664	273
Daisy	7/4.96	14.90	135.16	369	22.4	0.2113	313
Valerian	19/2.91	14.57	126.71	348	22.3	0.2274	305
Laurel	19/3.01	15.05	135.16	372	23.8	0.2129	317
Peony	19/3.19	15.97	152.00	417	26.2	0.1880	340
Tulip	19/3.38	16.91	170.45	467	29.4	0.1638	364
Daffodil	19/3.44	17.24	177.35	488	30.6	0.1624	373
Canna	19/3.67	18.36	201.42	554	34.0	0.1427	401
-	19/3.68	18.43	202.71	558	34.2	0.1421	402
Goldentuft	19/3.90	19.55	228.00	626	37.7	0.1263	432
Cosmos	19/4.02	20.12	241.68	664	40.0	0.1188	447
Zinnia	19/4.12	20.60	253.35	695	41.9	0.1132	459
Dahlia	19/4.34	21.73	282.00	774	46.7	0.1018	489
-	37/3.09	21.67	278.71	768	48.0	0.1033	485
Meadowsweet	37/3.23	22.63	304.00	838	52.4	0.0948	513
Orchid	37/3.33	23.31	322.26	888	55.6	0.0896	531
Heuchera	37/3.36	23.56	329.35	908	56.8	0.0876	538
Varbena	37/3.49	24.45	354.71	978	61.1	0.0814	562
Violet	37/3.53	24.74	362.58	1000	62.5	0.0797	570
Patunia	37/3.61	25.32	380.00	1048	64.2	0.0758	585
Arbutus	37/3.72	26.06	402.84	1112	68.1	0.0715	605
-	37/3.73	26.14	405.35	1118	68.5	0.0712	608
Anemone	37/3.90	27.33	443.10	1222	73.3	0.0653	641
Cockscomb	37/3.96	27.73	456.06	1257	75.4	0.0633	657
Magnolia	37/4.07	28.55	483.42	1333	80.0	0.0597	675
Hawkweed	37/4.17	29.23	506.71	1396	83.8	0.0568	693
Bluebell	37/4.24	29.72	523.68	1445	86.6	0.0551	706
-	61/3.41	30.70	557.35	1539	96.1	0.0518	733
Marigold	61/3.43	30.89	563.93	1559	97.2	0.0512	738
Hawthorn	61/3.55	31.95	604.26	1670	104.1	0.0479	767
-	61/3.56	32.08	608.06	1679	102.7	0.0476	771
Narcissus	61/3.66	33.02	644.51	1781	108.8	0.0450	797
-	61/3.70	33.37	658.71	1818	111.2	0.0440	807
Columbine	61/3.78	34.01	684.84	1893	115.6	0.0423	825
-	61/3.84	34.63	709.42	1958	117.4	0.0407	842
Carnation	61/3.89	35.03	725.10	2004	119.9	0.0400	854
-	61/3.98	35.85	760.06	2098	125.7	0.0381	877
Gladiolus	61/3.99	35.99	765.35	2116	126.5	0.0377	881
Corepsis	61/4.09	36.91	805.68	2226	133.2	0.0358	907
-	61/4.11	37.04	810.71	2238	134.1	0.0358	910
-	61/4.23	38.15	861.42	2378	142.6	0.0335	942
-	61/3.57	39.28	912.06	2521	153.9	0.0316	975

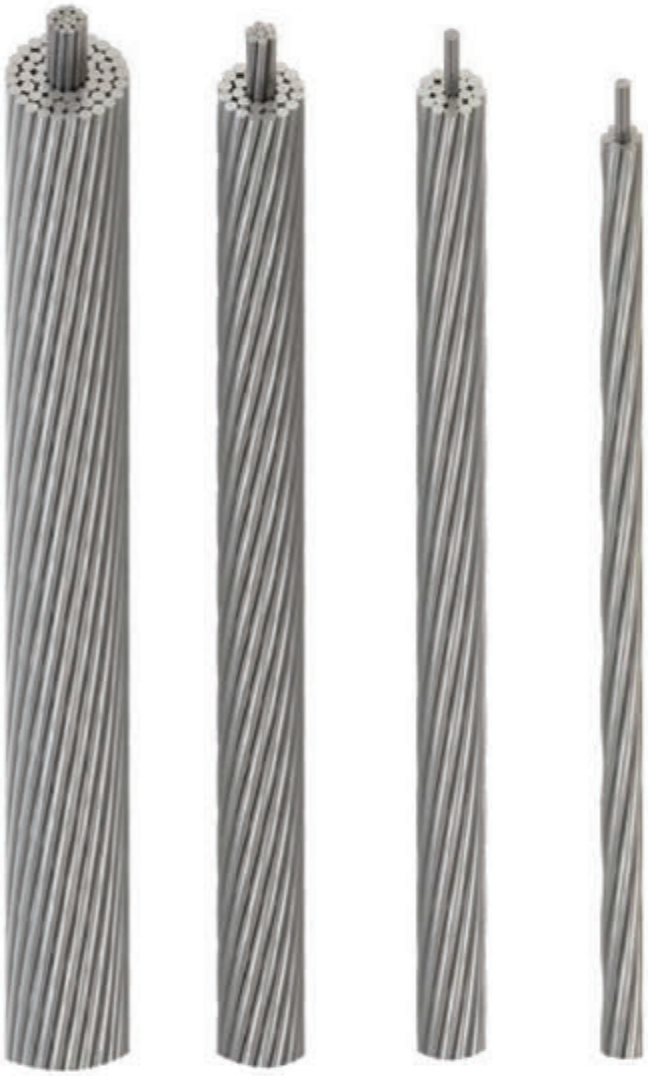
AAC

AAC İNGİLİZ STANDARDI / ENGLISH STANDARDS

BS EN 50182: 2001
BS215 PART 1 :1970

Kod	Eski Kod	Tel Sayısı ve Tel Çapı	Dış Çap	Kesit Alanı	Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
Code	Old Code	Number and Wire Diameter	Overall Diameter	Cross Section	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
-	-	mm	mm	mm²	kg / km	kN	Ohm / km	A
23 - AL1	Midge	7/2.06	6.18	22	64	3.99	1.227	114
27 - AL1	Gnat	7/2.21	6.63	--	73	4.83	1.0643	124
37 - AL1	Mosquito	7/2.59	7.77	--	101	6.27	0.7749	144
43 - AL1	Ladybird	7/2.79	8.37	--	117	7.28	0.6678	159
53 - AL1	Ant	7/3.10	9.3	50	145	8.28	0.5419	181
64 - AL1	Fly	7/3.40	10.2	60	174	9.9	0.4505	199
74 - AL1	Bluebottle	7/3.66	10.98	--	201	11.78	0.388	219
79 - AL1	Earwig	7/3.78	11.34	--	215	12.57	0.3638	227
84 - AL1	Grasshopper	7/3.91	11.73	--	230	13.46	0.34	238
96 - AL1	Clegg	7/4.17	12.51	--	261	15.3	0.2989	256
106 - AL1	Wasp	7/4.39	13.17	100	290	16	0.2702	271
106 - AL1	Beetle	19/2.67	13.35	--	292	18.08	0.2701	274
132 - AL1	Bee	7/4.90	14.7	--	361	21.12	0.2165	308
158 - AL1	Hornet	19/3.25	16.25	150	434	25.7	0.1825	346
186 - AL1	Caterpillar	19/3.53	17.65	--	511	29.75	0.1546	380
213 - AL1	Chafer	19/3.78	18.9	200	587	32.4	0.1349	414
238 - AL1	Spider	19/3.99	19.95	--	653	38.01	0.121	439
266 - AL1	Cockroach	19/4.22	21.1	250	731	40.4	0.1083	470
323 - AL1	Butterfly	19/4.65	23.25	300	888	48.75	0.08916	528
373 - AL1	Centipede	37/3.78	26.46	400	1145	63.1	0.06944	619
415 - AL1	Moth	19/5.00	25	--	1025	59.69	0.077	572
372 - AL1	Drone	37/3.58	25.06	--	1027	59.59	0.0774	572
486 - AL1	Maybug	374.09	28.63	--	1340	77.78	0.593	676
530 - AL1	Scorpion	37/4.27	29.89	--	1461	84.77	0.0544	710
628 - AL1	Cicada	37/4.65	32.55	--	1732	100.54	0.0459	784

ACSR

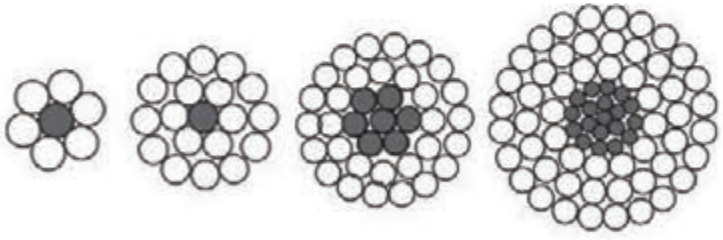


TEKNİK BİLGİLER

Orta ve yüksek gerilim iletim hatlarında kullanılırlar. TS EN 50182 Standardına uygun olarak alüminyum tellerden ve çinko kaplı çelik tellerden imal edilirler. İletkenler yedi veya daha fazla tellerden eş merkez tabakalı olarak örülürler. Eğer iletken birden fazla tabakadan oluşuyorsa bitişik tabakalar birbirine ters adım yönünde örülür. İstenildiğinde DIN. BS. ASTM. NF. CSA. EN standartlarına uygun üretim yapılabilir.

TECHNICAL DATA

They are used in medium and high voltage transmission lines. The aluminium wires and zinc coated steel wires are produced in accordance with TS EN 50182 standards. Conductors are stranded with seven or more wire as concentrically.If conductors are consist of more than one layer. than they are stranded in reverse direction to each other. Upon request they can be produced in accordance to DIN.BS. ASTM. NF. CSA. EN standards..



6 Al./1 St. 18 Al./1 St. 26 Al./7 St. 54 Al./19 St.

ACSR AMERİKAN STANDARDI / AMERICAN STANDARDS

ASTM B232 / B232M

Kod	Tel Sayısı ve Tel Çapı		Dış Çap	Kesit Alanı			Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
	Number and Wire Diameter			Cross Section						
Code	Alüminyum	Çelik	Overall Diameter	Alüminyum	Çelik	Toplam	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
	Aluminium	Steel		Aluminium	Steel	Total				
-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km	A
Turkey	6/1.68	1/1.68	5.04	13.29	2.21	15.5	53.6	5.2	2.15700	105
Swan	6/2.12	1/2.12	6.36	21.16	3.55	24.71	85.3	8.3	1.35600	140
Swanate	7/1.96	1/2.61	6.53	21.16	5.35	26.51	99.6	10.5	1.35600	140
Sparrow	6/2.67	1/2.67	8.01	33.61	5.61	39.22	135.7	12.7	0.85300	184
Sparate	7/2.47	1/3.30	8.24	33.61	8.52	42.13	158.7	16.1	0.85300	184
Robin	6/3.00	1/3.00	9	42.39	7.1	49.49	171.1	15.8	0.67650	212
Raven	6/3.37	1/3.37	10.11	53.48	8.9	62.38	216.1	19.4	0.53640	242
Quail	6/3.78	1/3.78	11.34	67.42	11.23	78.65	272.0	23.6	0.42550	276
Pigeon	6/4.25	1/4.25	12.75	85.03	14.19	99.22	343.0	29.5	0.33730	315
Penguin	6/4.77	1/4.77	14.31	107.23	17.87	125.1	432.7	37.1	0.26760	357
Waxwing	18/3.09	1/3.09	15.45	135.16	7.48	142.64	430.2	30.6	0.21330	449
Partridge	26/2.57	7/2.00	16.28	135.16	22	157.16	545.9	50.3	0.21420	475
Ostrich	26/2.73	7/2.12	17.28	152	24.77	176.77	613.4	56.5	0.19060	492
Merlin	18/2.89	1/2.25	18.29	118	3.97	121.99	542.8	38.63	0.17188	519
Linnet	26/2.89	7/2.25	18.31	170.45	27.74	198.19	687.5	62.7	0.16990	529
Oriole	30/2.69	7/2.69	18.83	170.45	39.81	210.26	783.3	77.0	0.17040	535
Chickdee	18/3.77	1/3.77	18.85	201.42	11.16	212.58	641.3	44.2	0.14320	576
Brant	24/3.27	7/2.18	19.61	201.42	26.13	227.55	761.0	64.9	0.14380	584
Ibis	26/3.14	7/2.44	19.88	201.42	32.77	234.19	812.4	72.5	0.14380	587
Lark	30/2.92	7/2.92	20.44	201.42	46.97	248.39	925.2	90.3	0.14420	594
Pelican	18/4.14	1/4.14	20.7	241.68	13.42	255.1	769.7	52.5	0.11930	646
Flicker	24/3.58	7/2.39	21.49	241.68	31.29	272.97	913.5	76.1	0.11990	655
Hawk	26/3.44	7/2.68	21.8	241.68	39.35	281.03	975.1	86.7	0.11990	659
Hen	30/3.20	7/3.20	22.4	241.68	56.39	298.07	1110.3	105.9	0.12020	666
Osprey	18/4.47	1/4.47	22.35	282	15.68	297.68	897.7	60.9	0.10220	711
Parakeet	24/3.87	7/2.58	23.22	282	36.58	318.58	1065.6	88.1	0.10280	721
Dove	26/3.72	7/2.89	23.55	282	45.94	327.94	1138.6	100.5	0.10280	726
Eagle	30/3.46	7/3.46	24.21	282	65.81	347.81	1295.6	123.7	0.10300	734
Peacock	24/4.03	7/2.69	24.2	306.58	39.74	346.32	1158.9	95.6	0.09449	760
Squab	26/3.87	26/.1525	24.51	306.58	49.94	356.52	1237.0	106.8	0.09449	765
Wood Duc	30/3.61	7/3.61	25.25	306.58	71.55	378.13	1408.4	128.5	0.09473	774
Teal	30/3.61	19/2.16	25.24	306.58	69.87	376.45	1396.6	133.4	0.09475	773
Kingbird	18/4.78	1/4.78	23.88	322.39	17.74	340.13	1026.6	69.8	0.89420	773
Swift	36/3.38	1/3.37	23.62	322.2	8.9	331.14	956.6	61.38	0.89751	769
Rook	24/4.14	7/2.76	24.84	322.26	41.81	364.07	1217.6	101.0	0.08989	784
Grosbeak	26/3.97	7/3.09	25.15	300.26	52.52	374.78	1300.8	112.1	0.08989	789
Scoter	30/3.70	7/3.70	25.88	322.26	75.22	397.48	1480.7	134.8	0.09011	798
Egret	30/3.70	19/2.22	25.9	322.26	7.48	395.74	1469.0	140.1	0.09012	798
Flamingo	24/4.23	7/2.82	25.4	337.74	43.81	381.55	1276.6	105.4	0.08576	807
Gannet	26/4.07	7/3.16	28.3	337.81	55.03	392.84	1363.3	117.4	0.08576	812
Stilt	24/4.39	7/2.92	26.31	362.64	46.97	409.61	1370.4	113.4	0.07989	844
Starling	26/4.21	7/3.28	26.68	362.58	59.03	421.61	1463.7	126.3	0.07992	849
Redwing	30/3.92	19/2.35	27.43	362.58	82.64	445.22	1650.6	153.9	0.08009	859

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ACSR AMERİKAN STANDARDI / AMERICAN STANDARDS

ASTM B232 / B232M

Kod	Tel Sayısı ve Tel Çapı		Dış Çap	Kesit Alanı			Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
	Number and Wire Diameter			Cross Section						
Code	Alüminyum	Çelik	Overall Diameter	Alüminyum	Çelik	Toplam	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
	Aluminium	Steel		Aluminium	Steel	Total				
-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km	A
Coot	36/3.77	1/3.77	26.39	401.9	11.2	413.1	1198	74.7	0.07397	884
Tern	45/3.38	7/2.25	27.03	402.84	27.87	430.71	1331.8	98.3	0.07192	887
Condor	54/3.08	7/3.08	27.72	402.84	52.19	455.03	1520.7	125.4	0.07192	889
Cuckoo	24/4.62	7/3.08	27.74	402.9	52.2	455.1	1522.2	124.1	0.07190	887
Drake	26/4.44	7/3.45	28.11	402.84	65.61	468.45	1626.4	140.1	0.07192	907
Mallard	30/4.14	19/2.48	28.96	402.84	91.87	494.71	1836.0	170.8	0.07208	918
Ruddy	45/3.59	7/2.40	28.73	455.81	31.54	487.35	1507.3	108.3	0.06356	958
Canary	54/3.28	7/3.28	29.52	456.06	59.1	515.16	1723.1	141.9	0.06352	961
Rail	45/3.70	7/2.47	29.61	483.42	33.42	516.84	1598.1	115.2	0.05994	993
Cardinal	54/3.38	7/3.38	30.42	483.42	62.65	546.07	1825.9	150.3	0.05994	996
Ortolan	45/3.85	7/2.57	30.81	523.68	36.19	559.87	1730.5	123.2	0.05531	1043
Curlew	54/3.52	7/3.52	31.68	523.68	67.87	591.55	1977.6	162.8	0.05531	1047
Bluejay	45/4.00	7/2.66	31.98	563.93	39.03	602.96	1866.0	132.6	0.05161	1092
Finch	54/3.65	19/2.19	32.85	563.93	71.48	635.41	2127.8	173.9	0.05161	1093
Bunting	45/4.14	7/2.76	33.12	604.26	41.55	645.81	1996.9	141.9	0.04820	1139
Grackle	54/3.77	19/2.27	33.97	604.26	76.52	680.78	2278.1	185.9	0.04820	1140
Bittern	45/4.27	7/2.85	34.17	644.1	44.52	688.62	2130.8	151.7	0.04518	1184
Pheasant	54/3.90	19/2.34	35.1	644.51	81.68	726.19	2431.4	193.9	0.04518	1187
Dipper	45/4.40	7/2.92	35.16	685.16	47.1	732.26	2263.0	161.0	0.04259	1229
Martin	54/4.02	19/2.41	36.17	684.84	86.71	771.55	2581.7	205.9	0.04259	1232
Bobolink	45/4.53	7/3.02	36.24	725.16	50.32	775.48	2397.2	170.8	0.04016	1272
Plover	54/4.14	19/2.48	37.24	725.16	91.81	816.97	2734.9	218.0	0.04016	1275
Nuthatch	45/4.65	7/3.10	37.2	765.16	52.9	818.06	2529.6	178.4	0.03802	1313
Parrot	54/4.25	19/2.55	38.25	765.16	97.16	62.32	2883.7	230.4	0.03802	1318
Lapwing	45/4.77	7/3.18	38.16	805.8	55.48	861.28	2663.5	187.3	0.03612	1354
Falcon	54/4.36	19/2.62	39.26	805.8	102.32	908.12	3038.5	242.9	0.03612	1359
Chuckar	84/3.70	19/2.22	42.7	901.93	73.55	975.48	3083.1	228.2	0.03228	1453
Bluebird	84/4.07	19/2.44	44.76	1092.2895	88.80	1181.09	3736.1	268.7	0.02667	1623
Kiwi	72/4.41	7/2.94	44.1	1099.21	47.50	1146.70	3425.6	222.0	0.02667	1607

ACSR IEC STANDARDI / IEC STANDARDS

IEC 61089:1997

Kod / Code	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Dış Çap / Overall Diameter	Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Stenght	D.A. Direnci / DC Resistance
	Alüminyum / Aluminium	Çelik / Steel		Alüminyum / Aluminium	Çelik / Steel	Toplam / Total			
-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km
16	6/1.81	1/1.81	5.43	15	2.56	17.9	59.0		17.923
25	6/2.26	1/2.26	6.78	24	4.00	28	92.1	9.00	11.471
40	6/2.85	1/2.85	8.55	38	6.40	44.8	147.4	14.21	0.7169
63	6/3.58	1/3.58	10.7	60	10.08	70.6	232.2	21.17	0.4552
100	6/4.51	1/4.51	13.5	96	16.00	112	368.6	31.84	0.2868
125	18/2.95	1/2.95	14.8	123	6.85	130	384.3	29.18	0.2304
125	26/2.43	7/1.89	15.4	120	19.6	140	460.8	44.49	0.2308
160	18/3.34	1/3.34	16.7	158	8.77	167	491.9	3.638	0.1800
160	26/2.74	7/2.13	17.4	154	25.0	179	589.9	56.18	0.1803
200	18/3.74	1/3.74	18.7	197	10.96	208	614.9	43.62	0.1440
200	26/3.07	7/2.39	19.4	192	31.3	223	737.2	69.27	0.1443
250	22/3.76	7/2.09	21.3	244	24.0	268	830.9	67.80	0.1153
250	26/3.43	7/2.67	21.7	240	39.1	279	921.5	86.58	0.1154
315	45/2.96	7/1.97	23.7	310	21.4	331	996.4	78.33	0.0917
315	26/3.85	7/3.02	24.4	303	49.3	352	11.61.1	107.58	0.0916
400	45/3.34	7/2.22	26.7	393	27.2	420	1265.3	97.50	0.0722
400	54/3.02	7/3.02	27.2	387	50.2	438	1402.9	124.20	0.0723
450	45/3.54	7/2.36	28.3	442	30.6	473	1423.4	107.48	0.0642
450	54/3.21	7/3.21	28.9	436	56.5	492	1578.2	139.72	0.0642
500	45/3.73	7/2.49	29.8	492	34.0	525	1581.6	119.42	0.0578
500	54/3.38	7/3.38	30.4	484	62.8	547	1753.6	153.99	0.0578
560	45/3.95	7/2.63	31.6	550	38.1	589	1771.4	133.75	0.0516
560	54/3.58	19/2.15	32.2	543	68.8	612	1956.3	169.36	0.0516
630	45/4.19	7/2.79	33.5	619	42.8	662	1992.8	150.47	0.0458
630	54/3.79	19/2.28	34.2	611	77.3	688	2200.9	190.52	0.0459
710	45/4.44	7/2.96	35.6	698	48.3	746	2245.8	169.57	0.0407
710	54/4.03	19/2.42	36.3	688	87.2	775	2480.3	214.72	0.0407
800	72/3.74	7/2.49	37.4	791	34.2	826	2412.8	167.67	0.0361
800	84/3.45	7/3.45	37.9	784	65.3	849	2598.9	206.37	0.0362
800	54/4.28	19/2.57	38.5	775	98.2	874	2794.7	241.94	0.0361
900	72/3.97	7/2.65	39.7	890	38.5	929	2714.4	188.63	0.0321
900	84/3.66	7/3.66	40.2	882	73.5	955	2923.8	224.82	0.0321
1000	72/4.18	7/2.79	41.8	989	42.7	1032	3016.0	209.59	0.0289
1120	72/4.43	19/1.77	44.33	1108	46.8	1155	3372.6	233.48	0.0258
1120	84/4.08	19/2.45	46.8	1098	89.4	1187	3628.4	282.88	0.0258
1250	72/4.68	19/1.87	46.8	1237	52.5	1289	3764.1	260.58	0.0231
1250	84/4.31	19/2.59	47.4	1225	99.8	1325	4049.5	315.72	0.0231

ACSR

ACSR KANADA STANDARDI / CANADA STANDARDS

CSA C 49

Kod	Tel Sayısı ve Tel Çapı		Dış Çap	Kesit Alanı			Net Ağırlık (Yaklaşık)	Kopma Yükü	D.A. Direnci	Akım Taşıma Kapasitesi
	Number and Wire Diameter			Cross Section						
Code	Alüminyum	Çelik	Overall Diameter	Alüminyum	Çelik	Toplam	Net Weight (Approx)	Rated Stenght	DC Resistance	Cuurent Carrying Capacity
	Aluminium	Steel		Aluminium	Steel	Total				
-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km	A
-	42/3.20	7/1.78	24.54	337.74	17.35	355.1	1068	78.6	0.0856	546
Gull	54/2.82	7/2.82	25.38	337.74	43.81	381.6	1277	109.2	0.0856	553
Starling	26/4.21	7/3.28	26.68	362.58	59.03	421.6	1462	125.0	0.0797	575
Redwing	30/3.92	19/2.35	27.43	362.58	82.58	445.2	1648	153.9	0.0797	581
-	42/3.31	7/1.84	25.38	362.58	18.65	381.2	1148	84.3	0.0797	573
Crow	54/2.92	7/2.92	26.28	362.58	46.97	409.6	1369	117.2	0.0797	577
Drake	26/4.44	7/3.45	28.11	402.84	65.61	468.5	1624	139	0.0715	611
Mallard	30/4.14	19/2.48	28.96	402.8	91.84	494.7	1832	171.0	0.0719	618
-	42/3.50	7/1.94	26.82	402.8	20.71	423.6	1274	93.6	0.0719	610
Condore	54/3.08	7/3.08	27.72	402.8	52.19	455	1521	127.0	0.0719	615
-	42/3.67	7/2.04	28.14	443.1	22.84	465.9	1402	102	0.0653	645
Crane	54/3.23	7/3.23	29.07	443.1	57.48	500.7	1674	133	0.0653	649
-	42/3.72	7/2.07	28.53	456.1	23.42	479.5	1442	105	0.0633	655
Canary	54/3.28	7/3.28	29.52	456.1	59.1	515.2	1724	144	0.0633	660
-	42/3.38	7/2.13	29.87	483.4	24.84	508.3	1528	109.0	0.0597	678
Cardinal	54/3.38	7/3.38	30.42	483.4	62.65	546.1	1826	152	0.0597	682
-	42/3.99	7/2.21	30.57	523.7	26.97	550.7	1657	118	0.0551	710
Curlew	54/3.51	7/3.51	31.59	523.7	67.87	591.6	1978	165	0.0551	715
-	42/4.41	7/2.30	31.74	563.9	28.97	592.9	1783	126	0.0512	741
Finch	54/3.65	19/2.19	32.85	563.9	71.55	636.8	2121	179	0.0512	746
-	42/4.28	7/2.38	32.82	604.3	31.1	635.4	1911	135	0.0479	772
Grackle	54/3.77	19/2.27	33.97	604.26	76.58	680.8	2271	192	0.0479	776
-	42/4.42	7/2.46	33.9	644.51	33.16	677.7	2039	144	0.0449	800
Pheasant	54/3.90	19/2.34	35.1	644.51	81.68	726.2	2421	199	0.0449	805
-	42/4.56	7/2.53	34.95	684.84	35.23	720.1	2166	153	0.0423	829
Martin	54/4.02	19/2.41	36.17	684.84	86.71	771.6	2573	212	0.0423	835
-	42/4.69	7/2.61	35.97	725.1	37.35	762.5	2294	162	0.0397	858
Plover	54/4.14	19/2.48	37.24	725.1	91.87	817	2725	224	0.04	862
-	42/4.82	7/2.67	36.93	765.35	39.35	804.7	2420	171	0.0377	885
Parrot	54/4.25	19/2.55	38.25	765.4	96.84	862.2	2877	237	0.0377	890
-	48/4.36	7/3.60	38.58	805.7	71.1	876.2	2779	212	0.0358	929
Falcon	54/4.36	19/2.62	39.26	805.7	102.1	907.8	3028	250	0.0358	917
-	72/3.77	7/2.52	37.72	805.7	34.84	840.5	2498	176	0.0358	910
Bantam	3/1.68	4/1.68	5.04	6.65	8.84	15.49	87.80	11.7	4.3218	61
Magpie	3/2.12	4/2.12	6.36	10.58	14.13	24.71	139.70	18.6	2.7077	77
Shrike	3/2.67	4/2.67	8.01	16.84	22.45	39.29	222.60	28.6	1.7054	99
Snipe	3/3.37	4/3.37	10.11	26.17	35.68	62.45	354.10	43.9	1.0718	132
Loon	3/3.78	4/3.78	11.34	33.68	44.97	78.65	445.80	55.3	0.8514	149

ACSR KANADA STANDARDI / CANADA STANDARDS

CSA C 49

Kod / Code	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Dış Çap / Overall Diameter	Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Stenght	D.A. Direnci / DC Resistance	Akım Taşıma Kapasitesi / Cuurent Carrying Capacity
	Alüminyum / Aluminium	Çelik / Steel		Alüminyum / Aluminium	Çelik / Steel	Toplam / Total				
-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km	A
Grouse	8/2.54	1/4.24	9.32	40.52	14.13	54.65	221.20	23.1	0.7077	157
Petrel	12/2.34	7/2.34	11.7	51.61	30.01	81.67	376.90	43.8	0.5591	193
Minorca	12/2.44	7/2.44	12.2	56.13	32.77	88.9	311.30	47.7	0.5134	198
Leghorn	12/2.69	7/2.69	13.45	68.19	39.81	108	498.50	57.5	0.4226	221
Guinea	12/2.92	7/2.92	14.6	80.68	46.97	127.6	587.80	67.6	0.3579	244
Dotterell	12/3.08	7/3.08	15.4	89.48	52.19	191.7	654.80	73.0	0.3215	260
Dorking	12/3.20	7/3.20	16	96.71	56.39	153.1	706.90	78.9	0.2982	271
Brahma	16/2.86	19/2.48	18.12	102.97	91.87	194.8	1004.9	122.5	0.2815	287
Auk	8/4.05	7/2.25	14.83	102.84	92.32	195.2	500.00	49.6	0.2789	276
Cochin	12/3.37	7/3.37	16.85	107.1	62.45	169.6	782.8	87.4	0.2694	288

ACSR FRANSIZ STANDARDI / FRANCE STANDARDS

EN 50182

Yeni Kod / New Code	Eski Kod / Old Code	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Dış Çap / Overall Diameter	Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Stenght	D.A. Direnci / DC Resistance
		Alüminyum / Aluminium	Çelik / Steel		Alüminyum / Aluminium	Çelik / Steel	Toplam / Total			
-	-	mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km
28 - AL1/9 - ST1A	CANNA 37.7	9/2.00	3/2.00	8.30	28.3	9.42	37.7	152	16.26	1.018 7
38 - AL1/22 - ST1A	CANNA 59.7	12/2.00	7/2.00	10.0	37.7	22.0	59.7	276	32.70	0.766 0
48 - AL1/28 - ST1A	CANNA 75.5	12/2.25	7/2.25	11.3	47.7	27.8	75.5	350	41.15	0.605 2
59 - AL1/34 - ST1A	CANNA 93.3	12/2.50	7/2.50	12.5	58.9	34.4	93.3	431	49.48	0.490 2
94 - AL1/22 - ST1A	CANNA 116.2	30/2.00	7/2.00	14.0	94.2	22.0	116.2	433	43.17	0.306 7
119 - AL1/28 - ST1A	CANNA 147.1	30/2.25	7/2.25	15.8	119.3	27.8	147.1	547	54.03	0.242 3
147 - AL1/34 - ST1A	CANNA 181.6	30/2.50	7/2.50	17.5	147.3	34.4	181.6	676	64.94	0.196 3
185 - AL1/43 - ST1A	CANNA 228	30/2.80	7/2.80	19.6	184.7	43.1	227.8	848	80.54	0.156 5
234 - AL1/55 - ST1A	CANNA 288	30/3.15	7/3.15	22.1	233.8	54.6	288.3	1073	98.58	0.123 6

ACSR İSPANYA STANDARDI / SPAIN STANDARDS

EN 50182

Kod / Code	Yeni Kod / New Code	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Çap / Diameter		Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Stenght	D.A. Direnci / DC Resist-ance
		Alüminyum / -	Çelik / Steel	İletken / Cond.	Öz / Core	Alüminyum / Aluminium	Çelik / Steel	Toplam / Total			
-		mm	mm	mm	mm	kg / km	kN	ohm/km	kg / km	kN	ohm/km
LA-30	27-AL1/4-ST1A	6 / 2.38	1 / 2.38	2.38	7.14	26.7	4.5	31.1	107.8	9.74	1.0736
LA-56	47-AL1/8-ST1A	6 / 3.15	1 / 3.15	3.15	9.45	46.8	7.8	54.6	188.8	16.29	0.6129
LA-78	67-AL1/11-ST1A	6 / 3.78	1 / 3.78	3.78	11.34	67.3	11.2	78.6	271.8	23.12	0.4256
LA-110	94-AL1/22-ST1A	30 / 2.00	7 / 2.00	6.00	14.00	94.2	22.0	116.2	432.5	43.17	0.3067
LA-145	119-AL1/28-ST1A	30 / 2.25	7 / 2.25	6.75	15.75	119.3	27.8	147.1	547.4	54.03	0.2423
LA-180	147-AL1/34-ST1A	30 / 2.50	7 / 2.50	7.50	17.50	147.3	34.4	181.6	675.8	64.94	0.1963
LA-280 HAWK	242-AL1/39-ST1A	26 / 3.44	7 / 2.68	8.04	21.80	241.6	39.5	281.1	976.2	84.94	0.1195
LA-380 GULL	337-AL1/44-ST1A	54 / 2.85	7 / 2.82	8.46	25.40	337.3	43.7	381.0	1274.6	107.18	0.0857
LA-455 CONDOR	402-AL1/44-ST1A	54 / 3.08	7 / 3.08	9.24	2.70	402.3	52.2	454.5	1520.5	123.75	0.0719
LA-545 CARDINAL	485-AL1/63-ST1A	54 / 3.38	7 / 3.38	10.14	30.42	484.5	62.8	547.3	1831.1	149.04	0.0597
LA-635 FINCH	565-AL1/72-ST1A	54 / 3.65	19 / 2.19	10.95	32.85	565.0	71.6	636.6	2123.0	174.14	0.0512

ACSR

ACSR İNGİLİZ STANDARDI / ENGLİSH STANDARDS

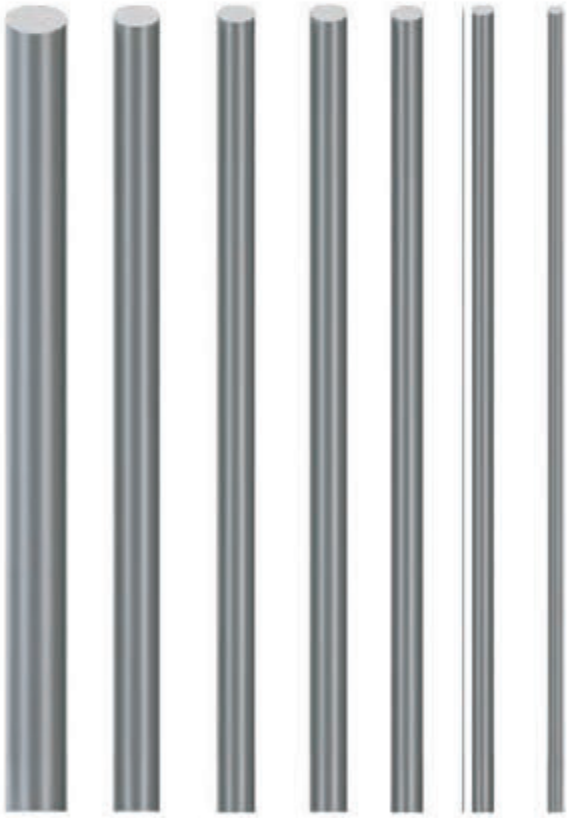
BS EN 50182

Yeni Kod / New Code	Eski Kod / Old Code	Nominal Kesit / Nominal Section	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Dış Çap / Overall Diameter	Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Strength	D.A. Direnci / DC Resistance	Akım Taşıma Kapasitesi / Current Carrying Capacity
			Alüminyum / Aluminium	Çelik / Steel		Alüminyum / Aluminium	Çelik / Steel	Toplam / Total				
-	-		mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km	A
11 - AL1/2 - ST1A	Mole	-	6/1.50	1/1.50	4.50	10.6	1.77	12.4	42.8	4.14	2.7027	67
21 - AL1/3 - ST1A	Squirrel	-	6/2.11	1/2.11	6.33	21.0	3.50	24.5	84.7	7.87	1.3659	109
26 - AL1/4 - ST1A	Gopher	25	6/2.36	1/2.36	7.08	26.24	4.38	30.62	106	9.61	1.0930	126
32 - AL1/5 - ST1A	Weasel	30	6/2.59	1/2.59	7.77	31.61	5.27	36.88	128	11.45	0.9077	134
37 - AL1/6 - ST1A	Fox	-	6/2.79	1/2.79	8.37	36.7	6.11	42.8	148.1	13.21	0.7812	147
42 - AL1/7 - ST1A	Ferret	40	6/3.00	1/3.00	9.00	42.41	7.07	49.48	172	15.20	0.6766	161
53 - AL1/9 - ST1A	Rabbit	50	6/3.35	1/3.35	10.05	52.88	8.82	61.70	214	18.35	0.5426	185
63 - AL1/11 - ST1A	Mink	-	6/3.66	1/3.66	11.00	63.1	10.50	73.6	254.9	21.67	0.4540	174
63 - AL1/37 - ST1A	Skunk	-	12/2.59	7/2.59	13.00	63.2	36.90	100.1	463.0	52.79	0.4568	246
73 - AL1/43 - ST1A	Horse	70	12/2.79	7/2.79	13.95	73.37	42.83	116.20	538	61.20	0.3936	268
75 - AL1/13 - ST1A	Beaver	-	6/3.99	1/3.99	12.00	75.0	12.50	87.5	302.9	25.76	0.3820	193
79 - AL1/13 - ST1A	Racoon	-	6/4.10	1/4.10	12.30	78.8	13.10	92.4	318.3	27.06	0.3635	231
84 - AL1/14 - ST1A	Otter	-	6/4.22	1/4.22	12.70	83.9	14.00	97.9	338.8	28.81	0.3415	240
95 - AL1/16 - ST1A	Cat	-	6/4.50	1/4.50	13.50	95.4	15.90	111.3	385.3	32.76	0.3003	248
105 - AL1/17 - ST1A	Hare	-	6/4.72	1/4.72	14.20	105.0	17.50	122.5	423.8	36.04	0.2730	273
105 - AL1/14 - STA1	Dog	100	6/4.72	7/1.57	14.15	105.00	13.50	118.50	394	32.70	0.2733	278
131 - AL1/7 - ST1A	Tiger	-	30/2.36	7/2.36	16.50	131.2	30.60	161.8	602.2	57.87	0.2202	323
132 - AL1/14 - ST1A	Coyote	-	26/2.54	7/1.91	15.90	131.7	20.10	151.8	520.7	45.86	0.2192	311
132 - AL1/20 - ST1A	Cougar	-	18/3.05	1/3.05	15.30	131.5	7.31	138.8	418.8	29.74	0.2188	314
158 - AL1/31 - ST1A	Wolf	150	30/2.59	7/2.59	18.13	158.10	36.80	194.90	726	69.20	0.1828	355
159 - AL1/37 - ST1A	Dingo	150	18/3.35	1/3.35	16.75	158.70	8.80	167.50	506	35.70	0.1815	349
183 - AL1/9 - ST1A	Lynx	175	30/2.79	7/2.79	19.53	183.40	42.80	226.20	842	79.80	0.1576	386
184 - AL1/2 - ST1A	Caracal	175	18/3.61	1/3.61	18.05	184.30	10.20	194.50	587	41.10	0.1563	383
211 - AL1/4 - ST1A	Jaguar	200	18/3.86	1/3.86	19.30	210.60	11.70	222.30	671	46.55	0.1367	415
212 - AL1/3 - ST1A	Panther	200	30/3.00	7/3.00	21.00	212.10	49.20	261.50	974	92.25	0.1363	421
238 - AL1/5 - ST1A	Lion	-	30/3.18	7/3.18	22.30	238.3	55.60	293.9	1093.4	100.47	0.1213	448
264 - AL1/6 - ST1A	Bear	-	30/3.35	7/3.35	23.50	264.4	61.70	326.1	1213.4	111.50	0.1093	481
324 - AL1/7 - ST1A	Goat	-	30/3.71	7/3.71	26.00	324.3	75.70	400.0	1488.2	135.13	0.0891	542
374 - AL1/11 - ST1A	Antelope	-	54/2.97	7/2.97	26.70	374.1	48.50	422.6	1413.8	118.88	0.0773	588
375 - AL1/9 - ST1A	Sheep	-	30/3.99	7/3.99	27.90	375.1	87.50	462.6	1721.3	156.30	0.0771	592
382 - AL1/37 - ST1A	Bison	-	54/3.00	7/3.00	27.00	381.7	49.50	431.2	1442.5	121.30	0.0758	595
429 - AL1/43 - ST1A	Zebra	400	54/3.18	7/3.18	28.62	428.90	55.60	484.50	1621	131.90	0.0674	635
430 - AL1/13 - ST1A	Deer	-	30/4.27	7/4.27	29.90	429.6	100.20	529.8	1971.4	179.00	0.0673	639
477 - AL1/13 - ST1A	Elk	-	30/4.50	7/4.50	31.50	477.1	111.30	588.4	2189.5	198.80	0.0606	679
476 - AL1/14 - ST1A	Camel	-	54/3.35	7/3.35	30.20	476.0	61.70	537.7	1798.8	146.40	0.0608	677
528 - AL1/16 - ST1A	Moose	-	54/3.53	7/3.53	31.80	528.5	68.50	597.0	1997.3	159.92	0.0547	763

ACSR RUS STANDARDI / RUSSIAN STANDARDS

GOST (ГОСТ 839-80)

Kod / Code	Tel Sayısı ve Tel Çapı / Number and Wire Diameter		Çap / Diameter		Kesit Alanı / Cross Section			Net Ağırlık (Yaklaşık) / Net Weight (Approx)	Kopma Yükü / Rated Stenght	D.A. Direnci / DC Resistance
	Alüminyum / Aluminium	Çelik / Steel	İletken / Cond.	Öz / Core	Alüminyum / Aluminium	Çelik / Steel	Toplam / Total			
-	mm	mm	mm	mm	kg / km	kN	ohm/km	kg / km	kN	ohm/km
10 / 1.8	6 / 1.50	1 / 1.50	4.5	1.5	10.60	1.77	12.37	42.7	4089	27.064
16 / 2.7	6 / 1.85	1 / 1.85	5.6	1.9	16.13	2.69	18.82	64.9	6220	17.818
25 / 4.2	6 / 2.30	1 / 2.30	6.9	2.3	24.93	4.15	29.08	100.3	9296	11.521
35 / 6.2	6 / 2.80	1 / 2.80	8.4	2.8	36.95	6.16	43.10	148	13524	0.7774
40 / 6.7	6 / 2.91	1 / 2.91	8.74	2.91	39.91	6.65	46.56	161.3	14400	0.7172
50 / 8.0	6 / 3.20	1 / 3.20	9.6	3.2	48.25	8.04	56.30	195	17112	0.5951
63 / 10.5	6 / 3.66	1 / 3.66	10.97	3.66	63.13	10.52	73.65	254	21630	0.4553
70 / 11	6 / 3.80	1 / 3.80	11.4	3.8	68.05	11.34	79.39	276	24130	0.4218
70 / 72	18 / 2.20	19 / 2.20	15.4	11	68.42	72.23	140.65	755	96826	0.4194
95 / 16	6 / 4.50	1 / 4.50	13.5	4.5	95.43	15.90	111.33	385	33369	0.3007
95/141	24 / 2.20	37 / 2.20	19.8	15.4	91.23	140.65	231.88	1357	180775	0.3146
100 /16.7	6 / 4.61	1 / 4.61	13.82	4.61	100.15	16.69	116.84	403.2	34333	0.7868
120 / 19	26 / 2.40	7 / 1.85	15.2	5.6	117.62	18.82	136.44	471	41521	0.244
120 / 27	30 / 2.20	7 / 2.20	15.4	6.6	114.04	26.61	140.65	528	49465	0.2531
125 / 6.9	18 / 2.97	1 / 2.97	14.67	2.97	124.70	6.93	131.63	397.9	29167	0.2304
125 / 20.4	26 / 2.47	7 / 1.92	15.67	5.77	124.58	20.27	144.85	503.5	45694	0.2308
150 / 19	24 / 2.80	7 / 1.85	16.8	5.6	147.78	18.82	166.60	554	46307	0.2046
150 / 24	26 / 2.70	7 / 2.10	17.1	6.3	148.86	24.25	173.11	599	52279	0.2049
150 / 34	30 / 2.50	7 / 2.50	17.5	7.5	147.26	34.36	181.62	675	62643	0.2061
160 / 8.9	18 / 3.36	1 / 3.36	16.82	3.36	159.60	8.87	168.47	509.4	36178	0.18
160 / 26.1	26 / 2.80	7 / 2.18	17.74	6.53	160.10	26.13	186.22	644.5	57689	0.1803
185 / 24	24 / 3.15	7 / 2.10	18.9	6.3	187.04	24.25	211.28	705	58075	0.154
185 / 29	26 / 2.98	7 / 2.30	18.8	6.9	181.34	29.08	210.42	728	62055	0.1591
185 / 43	30 / 2.80	7 / 2.80	19.6	8.4	184.73	43.10	227.83	846	77767	0.1559
185 / 128	54 / 2.10	37 / 2.10	23.1	14.7	187.04	128.15	315.19	1525	183816	0.1543
200 / 11.1	18 / 3.76	1 / 3.76	18.81	3.76	199.87	11.10	210.97	636.7	44222	0.144
200 / 32.6	26 / 3.13	7 / 2.43	19.82	7.3	200.06	32.46	232.52	805.6	70134	0.1442
205 / 27	24 / 3.30	7 / 2.20	19.8	6.6	205.27	26.61	231.88	846	63740	0.1407
240 / 32	24 / 3.60	7 / 2.40	21.6	7.2	244.29	31.67	275.96	921	75050	0.1182
240 / 39	26 / 3.40	7 / 2.65	21.6	8	236.06	38.61	274.67	952	80895	0.1222
240 / 56	30 / 3.20	7 / 3.20	22.4	9.6	241.27	56.30	297.57	1106	98253	0.1197
300 / 39	24 / 4.00	7 / 2.65	24	8	301.59	38.61	340.20	1132	90574	0.0958
300 / 48	26 / 3.80	7 / 2.95	24.1	8.9	294.87	47.84	342.72	1186	100623	0.0978
300 / 66	30 / 3.50	19 / 2.10	24.5	10.5	288.63	65.81	354.44	1313	117520	0.1
300 / 67	30 / 3.50	7 / 3.50	24.5	10.5	288.63	67.35	355.98	1323	126270	0.1
300 / 204	54 / 2.65	37 / 2.65	29.2	18.6	297.84	204.07	501.91	2428	284579	0.0968
315 / 21.8	45 / 2.99	7 / 1.99	23.83	5.97	315.97	21.77	337.74	1039.2	79030	0.0917
315 / 51.3	26 / 3.93	7 / 3.05	24.87	9.16	315.39	51.14	366.53	1268.9	106834	0.0916
330 / 30	48 / 2.98	7 / 2.30	24.8	6.9	334.78	29.08	363.87	1152	88848	0.0861
330 / 43	54 / 2.80	7 / 2.80	25.2	8.4	332.51	43.10	375.61	1255	103784	0.0869
400 / 27.7	45 / 3.36	7 / 2.24	26.91	6.73	399.01	27.59	426.59	1319.7	93356	0.0722
400 / 51.9	54 / 3.07	7 / 3.07	27.64	9.21	399.73	51.82	451.54	1509.7	123037	0.0722
400 / 18	42 / 3.40	7 / 1.85	26	5.6	381.33	18.82	400.14	1199	85600	0.0758
400 / 51	54 / 3.05	7 / 3.05	27.5	9.2	394.53	51.14	445.68	1490	120481	0.0733
400 / 64	26 / 4.37	7 / 3.40	27.7	10.2	389.97	63.55	453.52	1572	129183	0.0741
400 / 93	30 / 4.15	19 / 2.50	29.1	12.5	405.80	93.27	499.06	1851	173715	0.0711
450 / 31.1	45 / 3.57	7 / 2.38	28.55	7.14	450.44	31.14	481.58	1484.6	107467	0.0646
450 / 58.3	54 / 3.26	7 / 3.26	29.32	9.77	450.73	58.43	509.16	1698.4	138417	0.0642
450 / 56	54 / 3.20	7 / 3.20	28.8	9.6	434.29	56.30	490.59	1640	131370	0.0666
500 / 34.6	45 / 3.76	7 / 2.51	30.09	7.52	499.67	34.64	534.30	1649.6	119407	0.0577
500 / 64.8	54 / 3.43	7 / 3.43	30.9	10.3	498.97	64.68	563.65	1887.1	153796	0.0578
500 / 26	42 / 3.90	7 / 2.20	30	6.6	501.73	26.61	528.34	1592	112548	0.0575
500 / 64	54 / 3.40	7 / 3.40	30.6	10.2	490.28	63.55	553.83	1852	148257	0.0588
550 / 71	54 / 3.60	7 / 3.60	32.4	10.8	549.65	71.25	620.91	2076	166164	0.0526
560 / 38.7	45 / 3.98	7 / 2.65	31.84	7.96	559.85	38.61	598.46	1847.5	133736	0.0515
560 / 70.9	54 / 3.63	19 / 2.18	32.7	10.9	558.85	70.92	629.77	2102.2	175592	0.0516
600 / 72	54 / 3.70	19 / 2.20	33.2	11	580.61	72.23	652.84	2170	183835	0.0498
630 / 43.6	45 / 4.22	7 / 2.81	33.79	8.44	629.40	43.41	672.81	2078.5	150453	0.0458
630 / 79.8	54 / 3.85	19 / 2.31	34.69	11.56	628.65	79.63	708.27	2365	191772	0.0459
710 / 49.1	45 / 4.48	7 / 2.99	35.86	8.96	709.35	49.15	758.50	2342.4	169559	0.0406
710 / 89.9	54 / 4.09	19 / 2.45	36.82	12.27	709.47	89.57	799.04	2665.3	216214	0.0407
800 / 101.3	54 / 4.34	19 / 2.61	39.09	13.03	798.85	101.65	900.50	3003.2	243520	0.0361



Alüminyum Teller

Kablo ve iletken üretiminde kullanılan Alüminyum Filmaşin son teknoloji tesislerimizde. yüksek kalitede. sürekli ve sıcak haddeleme yöntemiyle. tel çekmeye uygun. homojen yapıda. boşluksuz.damarsız. çatlaksız. temiz ve düzgün yüzeyli olarak kablo ve havai iletken lerinde yüksek mekanik ve elektriksel performans sağlayacak şekilde üretilmektedir.

Ürün Çap'ı : 9.5 ± 0.5 - 12 ± 0.5 mm

Ambalaj : Alüminyum filmaşinler müşteri isteğine uygun olarak 2 - 4 ton serbest döküm . 1 - 2 ton sıkı sarım olarak ağaç paletler üzerinde sevk edilir

Aluminium Wire

Cables and conductors used in the production of aluminum wire rod in our cutting edge facilities. high-quality. continuous hot rolling method. suitable for wire drawing. homogenous. clearance veinless. crack-free. clean and cable properly surfaced and manufactured to provide high mechanical and electrical performance in overhead conductors.

Product Diameter : 9.5 ± 0.5 - 12 ± 0.5 mm

Packing : Aluminum wire rods according to customer's request 2 - 4 tons of free casting 1 - 2 tons shipped on tight turns as wood pallets.

Kimyasal Özellikler / Chemical Specifications: EN AW 1370 (EAI 99.7)

Al(%)	Fe(%)	Si(%)	Cu (%)	Zn(%)	Ti(%)		Mg(%)	Cr(%)	B(%)
99.7	0.20	0.10	0.020	0.040	0.010	0.010	0.020	0.010	0.020