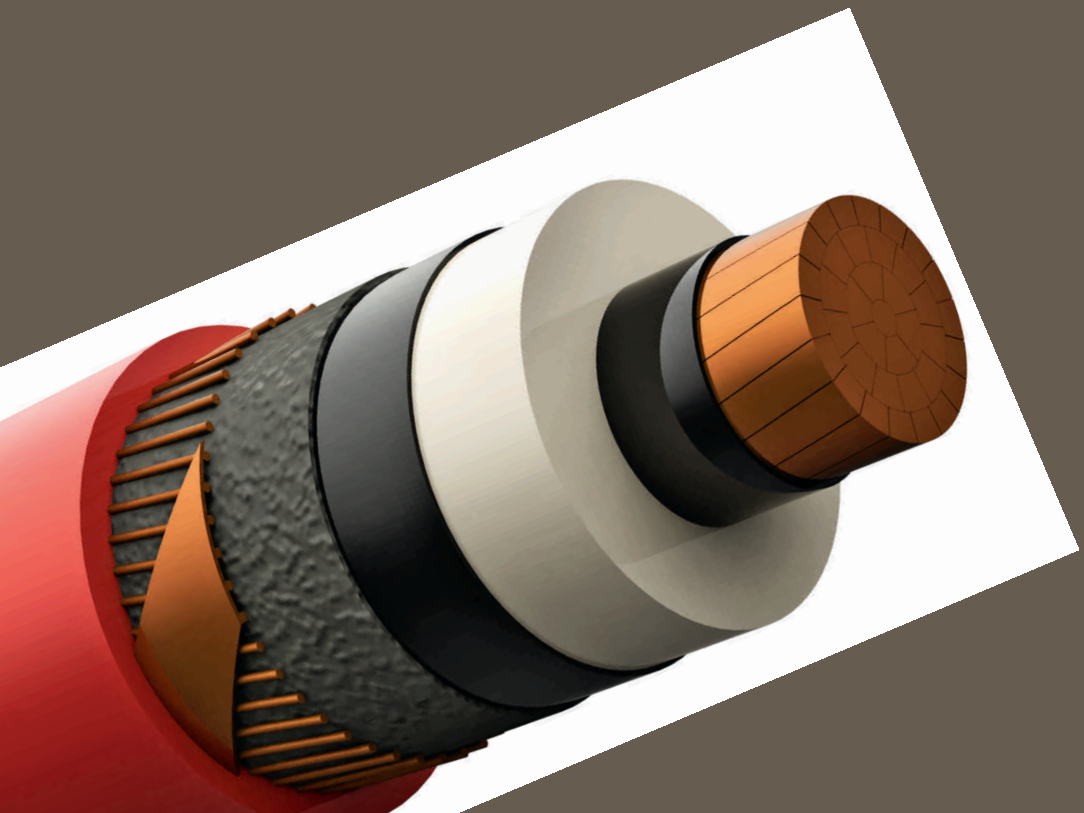
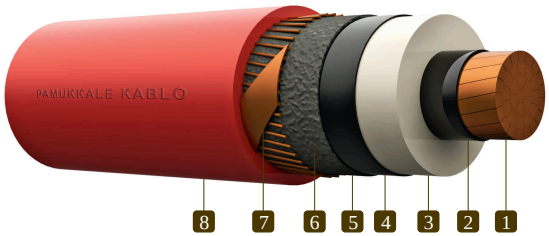


ORTA VE YÜKSEK GERİLİM ENERJİ KABLOLARI

YXC7V	(N2XSY)
YXC7(Q)E	(N2XS(F)2Y)
YAXC7(Q)E	(NA2XS(F)2Y)
YXC7VY2V	(N2XSYB(AL)Y)
YXC8V	(N2XSEY)
YXC8VZ3V	(N2XSEYFGY)
YXC8VZ4V	(N2XSEYBY)
YXC8VZ2V	(N2XSEYRY)
YXC7(Q)A2E	(2XS(FL)2Y)

YAPISI

1 Bakır iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken krep kağıdı
6 Konsantrik iletken
7 Bakır bant
8 PVC dış kılıf



ÖZELLİKLER

Tip : YXC7V (N2XSY)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleşim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artışlı beklenen yerlerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklığı

Maks. İletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık
IEC 60332 -1-2

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

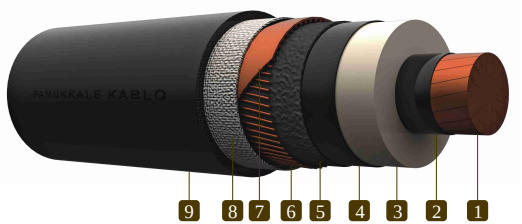
Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙	A ⊙ ⊙ ⊙	A ⊙
6/10 (12) kV											
1x35/16 rm	22	800	120	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	23	940	130	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	25	1160	140	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	27	1420	140	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	28	1670	150	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	30	2060	150	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	31	2400	160	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	34	2970	180	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	37	3650	180	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	40	4550	200	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	44	5650	220	0.0366	0.53	0.28	0.63	632	658	1020	942

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
8.7/15 (17.5) kV											
1x35/16 rm	24	875	130	0.524	0.75	0.44	0.18	172	166	238	198
1x50/16 rm	26	1020	140	0.387	0.73	0.42	0.19	203	196	286	238
1x70/16 rm	27	1240	140	0.268	0.70	0.40	0.22	246	239	356	296
1x95/16 rm	29	1520	150	0.193	0.66	0.37	0.25	293	285	434	361
1x120/16 rm	31	1770	160	0.153	0.64	0.36	0.27	332	323	500	417
1x150/25 rm	32	2160	160	0.124	0.63	0.35	0.29	366	361	559	473
1x185/25 rm	34	2520	180	0.0991	0.61	0.34	0.31	410	406	637	543
1x240/25 rm	36	3090	180	0.0754	0.58	0.33	0.35	470	469	745	641
1x300/25 rm	39	3780	200	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	43	4690	220	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	46	5780	220	0.0366	0.53	0.29	0.49	632	658	1020	942
12/20 (24) kV											
1x35/16 rm	26	960	140	0.524	0.75	0.42	0.16	172	166	238	198
1x50/16 rm	28	1100	150	0.387	0.72	0.40	0.18	203	196	286	238
1x70/16 rm	30	1350	150	0.268	0.69	0.38	0.20	246	239	356	296
1x95/16 rm	31	1620	160	0.193	0.66	0.36	0.22	293	285	434	361
1x120/16 rm	33	1900	160	0.153	0.64	0.35	0.24	332	323	500	417
1x150/25 rm	35	2275	180	0.124	0.62	0.34	0.26	366	361	559	473
1x185/25 rm	36	2650	180	0.0991	0.60	0.33	0.28	410	406	637	543
1x240/25 rm	39	3250	200	0.0754	0.58	0.31	0.31	470	469	745	641
1x300/25 rm	42	3960	200	0.0601	0.56	0.30	0.34	524	526	846	735
1x400/35 rm	45	4870	220	0.0470	0.54	0.29	0.37	572	590	938	845
1x500/35 rm	49	5950	240	0.0366	0.54	0.29	0.41	632	658	1020	942
18/30 (36)kV											
1x35/16 rm	32	1200	160	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	33	1350	160	0.387	0.75	0.42	0.14	203	196	286	238
1x70/16 rm	35	1620	180	0.268	0.72	0.40	0.16	246	239	356	296
1x95/16 rm	37	1900	180	0.193	0.69	0.38	0.17	293	285	434	361
1x120/16 rm	39	2200	200	0.153	0.66	0.36	0.18	332	323	500	417
1x150/25 rm	40	2600	200	0.124	0.64	0.35	0.20	366	361	559	473
1x185/25 rm	42	3000	200	0.0991	0.62	0.34	0.21	410	406	637	543
1x240/25 rm	44	3600	220	0.0754	0.60	0.33	0.23	470	469	745	641
1x300/25 rm	47	4300	220	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	50	5270	240	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	54	6400	260	0.0366	0.43	0.30	0.36	632	658	1020	942
20.3/35 (42)kV											
1x35/16 rm	34	1300	180	0.524	0.77	0.51	0.11	172	166	238	198
1x50/16 rm	35	1500	180	0.387	0.75	0.42	0.12	203	196	286	238
1x70/16 rm	37	1750	180	0.268	0.71	0.40	0.14	246	239	356	296
1x95/16 rm	39	2050	200	0.193	0.68	0.38	0.15	293	285	434	361
1x120/16 rm	41	2350	200	0.153	0.66	0.36	0.16	332	323	500	417
1x150/25 rm	42	2750	200	0.124	0.64	0.35	0.17	366	361	559	473
1x185/25 rm	44	3100	220	0.0991	0.62	0.39	0.18	410	406	637	543
1x240/25 rm	46	3700	220	0.0754	0.60	0.37	0.20	470	469	745	641
1x300/25 rm	49	4480	240	0.0601	0.59	0.36	0.23	524	526	846	735
1x400/35 rm	53	5420	260	0.0470	0.57	0.35	0.25	572	590	938	845
1x500/35 rm	56	6550	260	0.0366	0.55	0.33	0.28	632	658	1020	942

YAPISI

1 Bakır iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken su tutucu bant
6 Konsantrik iletken
7 Bakır bant
8 Su tutucu bant
9 PE dış kılıf



ÖZELLİKLER

Tip : YXC7(Q)E (N2XS(F)2Y)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleşim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artışlı beklenen lokasyonlarda, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır. Aynı zamanda yapısındaki su tutucu bantlar sayesinde nemli ve sulu ortamlarda da kullanılabilir.

Kullanım Sıcaklığı

Maks. İletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık
IEC 60332 -1-2

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙	A ⊙ ⊙ ⊙	A ⊙
6/10 (12) kV											
1x35/16 rm	23	800	130	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	24	940	130	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	26	1160	140	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	28	1420	150	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	30	1670	150	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	31	2060	160	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	32	2400	160	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	35	2970	180	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	38	3650	200	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	41	4550	200	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	45	5650	220	0.0366	0.53	0.28	0.63	632	658	1026	942

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
8.7/15 (17.5) kV											
1x35/16 rm	25	875	140	0.524	0.75	0.44	0.19	172	166	238	198
1x50/16 rm	27	1020	140	0.387	0.73	0.42	0.21	203	196	286	238
1x70/16 rm	28	1240	150	0.268	0.70	0.40	0.23	246	239	356	296
1x95/16 rm	30	1520	150	0.193	0.66	0.37	0.26	293	285	434	361
1x120/16 rm	31	1770	160	0.153	0.64	0.36	0.28	332	323	500	417
1x150/25 rm	33	2160	160	0.124	0.63	0.35	0.30	366	361	559	473
1x185/25 rm	34	2520	180	0.0991	0.61	0.34	0.33	410	406	637	543
1x240/25 rm	37	3090	180	0.0754	0.58	0.33	0.37	470	469	745	641
1x300/25 rm	40	3780	200	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	43	4690	220	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	47	5780	220	0.0366	0.53	0.29	0.49	632	658	1026	942
12/20 (24) kV											
1x35/16 rm	27	960	140	0.524	0.75	0.42	0.16	172	166	238	198
1x50/16 rm	28	1100	150	0.387	0.72	0.40	0.18	203	196	286	238
1x70/16 rm	30	1350	150	0.268	0.69	0.38	0.20	246	239	356	296
1x95/16 rm	32	1620	160	0.193	0.66	0.36	0.22	293	285	434	361
1x120/16rm	34	1900	180	0.153	0.64	0.35	0.24	332	323	500	417
1x150/25rm	35	2275	180	0.124	0.62	0.34	0.26	366	361	559	473
1x185/25rm	37	2650	180	0.0991	0.60	0.33	0.28	410	406	637	543
1x240/25rm	39	3250	200	0.0754	0.58	0.31	0.31	470	469	745	641
1x300/25rm	42	3960	200	0.0601	0.56	0.30	0.34	524	526	846	735
1x400/35rm	45	4870	220	0.0470	0.54	0.29	0.37	572	590	938	845
1x500/35rm	49	5950	240	0.0366	0.54	0.29	0.41	632	658	1026	942
18/30 (36) kV											
1x35/16 rm	33	1200	160	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	34	1350	180	0.387	0.75	0.42	0.14	203	196	286	238
1x70/16 rm	36	1620	180	0.268	0.72	0.40	0.16	246	239	356	296
1x95/16 rm	37	1900	180	0.193	0.69	0.38	0.17	293	285	434	361
1x120/16 rm	39	2200	200	0.153	0.69	0.36	0.18	332	323	500	417
1x150/25 rm	40	2600	200	0.124	0.64	0.35	0.20	366	361	559	473
1x185/25 rm	42	3000	200	0.0991	0.62	0.34	0.21	410	406	637	543
1x240/25 rm	45	3600	220	0.0754	0.60	0.33	0.23	470	469	745	641
1x300/25 rm	48	4300	240	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	51	5270	260	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	55	6400	260	0.0366	0.53	0.30	0.30	632	658	1026	942
20.3/35 (42) kV											
1x35/16 rm	35	1300	180	0.524	0.77	0.51	0.11	172	166	238	198
1x50/16 rm	36	1500	180	0.387	0.75	0.42	0.12	203	196	286	238
1x70/16 rm	38	1750	200	0.268	0.71	0.40	0.14	246	239	356	296
1x95/16 rm	39	2050	200	0.193	0.68	0.38	0.15	293	285	434	361
1x120/16rm	41	2350	200	0.153	0.66	0.36	0.16	332	323	500	417
1x150/25rm	43	2750	220	0.124	0.64	0.35	0.17	366	361	559	473
1x185/25rm	44	3100	220	0.0991	0.62	0.39	0.18	410	406	637	543
1x240/25rm	47	3700	220	0.0754	0.60	0.37	0.20	470	469	745	641
1x300/25rm	50	4480	240	0.0601	0.59	0.36	0.23	524	526	846	735
1x400/35rm	53	5420	260	0.0470	0.57	0.35	0.25	572	590	938	845
1x500/35rm	57	6550	260	0.0366	0.55	0.33	0.28	632	658	1026	942

YAPISI

1 Alüminyum iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken su tutucu bant
6 Konsantrik iletken
7 Bakır bant
8 Su tutucu bant
9 PE dış kılıf

ÖZELLİKLER

Tip : YAXC7(Q)E (NA2XS(F)2Y)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleşim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artışlı beklenen flebekelerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır. Aynı zamanda yapısındaki su tutucu bantlar sayesinde nemli ve sulu ortamlarda da kullanılabilir.

Kullanım Sıcaklığı

Maks. İletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık
IEC 60332 -1-2

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

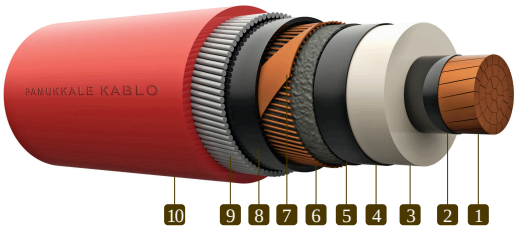
Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙	A ⊙ ⊙ ⊙	A ⊙
6/10 (12) kV											
1x35/16 rm	23	600	130	0.641	0.78	0.43	0.23	134	129	123	122
1x50/16 rm	24	670	130	0.443	0.73	0.41	0.24	157	152	146	144
1x70/16 rm	26	765	140	0.320	0.69	0.38	0.27	192	186	178	176
1x95/16 rm	28	870	150	0.253	0.66	0.36	0.30	229	221	213	210
1x120/16 rm	29	995	150	0.206	0.64	0.35	0.33	260	252	242	240
1x150/25 rm	31	1200	160	0.206	0.62	0.34	0.36	288	281	271	267
1x185/25 rm	33	1350	160	0.164	0.61	0.33	0.39	324	317	307	303
1x240/25 rm	35	1580	180	0.125	0.58	0.32	0.44	373	367	356	351
1x300/25 rm	37	1800	200	0.100	0.56	0.31	0.48	419	414	402	397
1x400/35 rm	41	2200	200	0.0778	0.55	0.30	0.53	466	470	457	451
1x500/35 rm	44	2650	220	0.0605	0.53	0.29	0.59	526	542	508	502

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ◎	MF/km	A ⊙ ⊙ ⊙	A ◎	A ⊙ ⊙ ⊙	A ◎
8.7/15 (17.5) kV											
1x35/16 rm	25	700	140	0.868	0.76	0.45	0.16	134	129	123	122
1x50/16 rm	26	770	140	0.641	0.73	0.43	0.19	157	152	146	144
1x70/16 rm	28	850	150	0.443	0.70	0.40	0.22	192	186	178	176
1x95/16 rm	30	1000	150	0.320	0.67	0.38	0.24	229	221	213	210
1x120/16 rm	31	1100	160	0.253	0.65	0.37	0.27	260	252	242	240
1x150/25 rm	33	1300	160	0.206	0.63	0.35	0.29	288	281	271	267
1x185/25 rm	35	1500	180	0.164	0.61	0.34	0.31	324	317	307	303
1x240/25 rm	37	1700	180	0.125	0.59	0.33	0.34	373	367	356	351
1x300/25 rm	40	1950	200	0.100	0.57	0.32	0.38	419	414	402	397
1x400/35 rm	43	2400	220	0.0778	0.55	0.31	0.41	466	470	457	451
1x500/35 rm	46	2800	220	0.0605	0.53	0.30	0.46	526	542	508	502
12/20 (24) kV											
1x35/16 rm	27	800	140	0.868	0.75	0.43	0.14	134	129	123	122
1x50/16 rm	29	850	150	0.641	0.72	0.41	0.17	157	152	146	144
1x70/16 rm	30	950	150	0.443	0.69	0.39	0.19	192	186	178	176
1x95/16 rm	32	1100	160	0.320	0.66	0.36	0.21	229	221	213	210
1x120/16rm	34	1200	180	0.253	0.64	0.35	0.23	260	252	242	240
1x150/25rm	35	1500	180	0.206	0.62	0.33	0.25	288	281	271	267
1x185/25rm	37	1600	180	0.164	0.59	0.32	0.27	324	317	307	303
1x240/25rm	40	1850	200	0.125	0.57	0.31	0.30	373	367	356	351
1x300/25rm	42	2100	200	0.100	0.55	0.30	0.32	419	414	402	397
1x400/35rm	45	2550	220	0.0778	0.53	0.29	0.35	466	470	457	451
1x500/35rm	48	2950	240	0.0605	0.51	0.27	0.37	526	542	508	502
18/30 (36) kV											
1x35/16 rm	33	1050	160	0.868	0.74	0.49	0.11	134	129	123	122
1x50/16 rm	34	1100	180	0.641	0.71	0.47	0.13	157	152	146	144
1x70/16 rm	36	1250	180	0.443	0.68	0.45	0.15	192	186	178	176
1x95/16 rm	37	1360	180	0.320	0.64	0.42	0.16	229	221	213	210
1x120/16rm	39	1550	200	0.253	0.62	0.41	0.17	260	252	242	240
1x150/25rm	41	1750	200	0.206	0.59	0.40	0.19	288	281	271	267
1x185/25rm	42	1950	200	0.164	0.57	0.38	0.20	324	317	307	303
1x240/25rm	45	2200	220	0.125	0.55	0.37	0.22	373	367	356	351
1x300/25rm	47	2450	240	0.100	0.53	0.35	0.24	419	414	402	397
1x400/35rm	50	2950	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x500/35rm	54	3450	260	0.0605	0.49	0.33	0.28	526	542	508	502
20.3/35 (42) kV											
1x35/16 rm	35	1150	180	0.868	0.74	0.49	0.11	134	129	123	122
1x50/16 rm	36	1250	180	0.641	0.71	0.47	0.13	157	152	146	144
1x70/16 rm	38	1400	200	0.443	0.68	0.45	0.15	192	186	178	176
1x95/16 rm	40	1500	200	0.320	0.64	0.42	0.16	229	221	213	210
1x120/16rm	41	1650	200	0.253	0.62	0.41	0.17	260	252	242	240
1x150/25rm	43	1900	220	0.206	0.59	0.40	0.19	288	281	271	267
1x185/25rm	45	2100	220	0.164	0.57	0.38	0.20	324	317	307	303
1x240/25rm	47	2350	220	0.125	0.55	0.37	0.22	373	367	356	351
1x300/25rm	49	2650	240	0.100	0.53	0.35	0.24	419	414	402	397
1x400/35rm	53	3100	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x500/35rm	56	3600	260	0.0605	0.49	0.33	0.28	526	542	508	502

YAPISI

1 Bakır iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken krep kağıdı
6 Konsantrik iletken
7 Bakır bant
8 PVC ayırıcı kılıf
9 Alüminyum yuvarlak tel
10 PVC dış kılıf



ÖZELLİKLER

Tip : YXC7VY2V (N2XSYR(AL)Y)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Mekanik zorlanmalara karşı yapısındaki zırh sayesinde mukavemetlidir. Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleşim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artışı beklenen yerlerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklığı

Maks. İşletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık
IEC 60332 -1-2

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

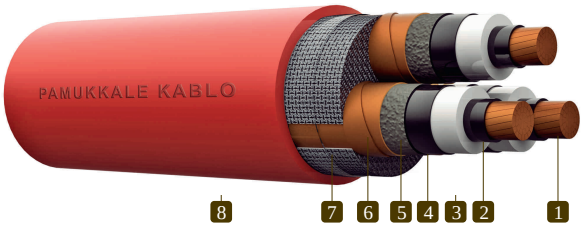
Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙ ⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙ ⊙	A ⊙ ⊙ ⊙	A ⊙⊙ ⊙
6/10 (12)kV											
1x35/16 rm	28	1150	150	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	29	1330	150	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	31	1600	160	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	32	1900	160	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	35	2300	180	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	36	2700	180	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	38	3050	200	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	41	3700	200	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	44	4450	220	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	48	5450	240	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	51	6600	260	0.0366	0.53	0.28	0.63	632	658	1026	942

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	1000 m. kablo için sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık		Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)			
								Toprakta		Havada	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
8.7/15 (17.5) kV											
1x35/16 rm	30	1280	150	0.524	0.75	0.44	0.19	172	166	238	198
1x50/16 rm	31	1450	160	0.387	0.73	0.42	0.21	203	196	286	238
1x70/16 rm	34	1730	180	0.268	0.70	0.40	0.23	246	239	356	296
1x95/16 rm	36	2050	180	0.193	0.66	0.37	0.26	293	285	434	361
1x120/16 rm	37	2400	180	0.153	0.64	0.36	0.28	332	323	500	417
1x150/25 rm	39	2820	200	0.124	0.63	0.35	0.30	366	361	559	473
1x185/25 rm	41	3250	200	0.0991	0.61	0.34	0.33	410	406	637	543
1x240/25 rm	43	3850	220	0.0754	0.58	0.33	0.37	470	469	745	641
1x300/25 rm	46	4650	220	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	50	5600	240	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	54	6830	260	0.0366	0.53	0.29	0.49	632	658	1026	942
12/20 (24) kV											
1x35/16 rm	32	1400	160	0.524	0.78	0.44	0.16	172	166	238	198
1x50/16 rm	34	1600	180	0.387	0.75	0.42	0.18	203	196	286	238
1x70/16 rm	36	1950	180	0.268	0.72	0.40	0.20	246	239	356	296
1x95/16 rm	38	2300	200	0.193	0.69	0.38	0.22	293	285	434	361
1x120/16 rm	40	2600	200	0.153	0.66	0.36	0.24	332	323	500	417
1x150/25 rm	41	3020	200	0.124	0.64	0.35	0.26	366	361	559	473
1x185/25 rm	43	3400	220	0.0991	0.62	0.34	0.28	410	406	637	543
1x240/25 rm	46	4050	220	0.0754	0.60	0.33	0.31	470	469	745	641
1x300/25 rm	49	4850	240	0.0601	0.58	0.31	0.34	524	526	846	735
1x400/35 rm	52	5850	260	0.0470	0.54	0.30	0.37	572	590	938	845
1x500/35 rm	56	7050	260	0.0366	0.54	0.29	0.41	632	658	1026	942
18/30 (36) kV											
1x35/16 rm	39	1850	200	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	40	2050	200	0.387	0.72	0.40	0.14	203	196	286	238
1x70/16 rm	42	2350	200	0.268	0.69	0.38	0.16	246	239	356	296
1x95/16 rm	43	2700	220	0.193	0.66	0.36	0.17	293	285	434	361
1x120/16 rm	46	3160	220	0.153	0.64	0.35	0.18	332	323	500	417
1x150/25 rm	48	3600	240	0.124	0.62	0.34	0.20	366	361	559	473
1x185/25 rm	49	4020	240	0.0991	0.60	0.33	0.21	410	406	637	543
1x240/25 rm	52	4700	260	0.0754	0.58	0.31	0.23	470	469	745	641
1x300/25 rm	55	5500	260	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	59	6570	260	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	63	7850	280	0.0366	0.43	0.30	0.30	632	658	1026	942

YAPISI

1 Bakır iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken krep kağıdı
6 Bakır flerit ekran
7 PP dolgu
8 PVC dış kılıf



ÖZELLİKLER

Tip : YXC8V (N2XSEY)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Mekanik zorlanmalara karflı yapısındaki zırh sayesinde mukavemetlidir. Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleflim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artıflı beklenen flebekelerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklığı

Maks. İfletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık IEC 60332 -1-2

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaflık	Net ağırlık yaklaflık	Standart sevk uzunluğu	Sevk makara tipi	20°C'de iletken DC direnci	Çalıflma indüktansı yaklaflık	Çalıflma kapasitesi yaklaflık	Akım tafllıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	43	2700	500	180	0.524	0.37	0.22	154	172
3x50/16 rm	46	2950	500	180	0.387	0.35	0.24	181	205
3x70/16 rm	49	3900	500	180	0.268	0.33	0.28	220	253
3x95/16 rm	53	4950	500	200	0.193	0.32	0.31	263	307
3x120/16 rm	57	5850	500	220	0.153	0.31	0.34	298	352
3x150/25 rm	61	6900	500	220	0.124	0.30	0.36	332	397
3x185/25 rm	64	7950	500	240	0.0991	0.29	0.40	374	453
3x240/25 rm	69	9400	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	74	10650	250	240	0.0601	0.27	0.51	492	608

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	Standart sevk uzunluğu	Sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık	Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	49	3200	500	180	0.524	0.39	0.18	154	172
3x50/16 rm	51	3600	500	200	0.387	0.37	0.20	181	205
3x70/16 rm	55	4500	500	200	0.268	0.35	0.22	220	253
3x95/16 rm	59	5450	500	220	0.193	0.33	0.25	263	307
3x120/16rm	63	6350	500	220	0.153	0.32	0.27	298	352
3x150/25rm	66	7250	500	220	0.124	0.31	0.29	332	397
3x185/25rm	69	8950	250	200	0.0991	0.30	0.32	374	453
3x240/25rm	74	9500	250	220	0.0754	0.29	0.35	431	529
3x300/25rm	79	1060	250	240	0.0601	0.27	0.40	492	608
12/20 (24) kV									
3x35/16 rm	52	3700	500	200	0.524	0.39	0.18	154	172
3x50/16 rm	54	4300	500	200	0.387	0.37	0.20	181	205
3x70/16 rm	58	5200	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	62	6250	500	220	0.193	0.33	0.25	263	307
3x120/16 rm	65	7300	500	220	0.153	0.32	0.27	298	352
3x150/25 rm	69	8450	250	200	0.124	0.31	0.29	332	397
3x185/25 rm	72	9500	250	200	0.0991	0.30	0.32	374	453
3x240/25 rm	78	11900	250	220	0.0754	0.29	0.35	431	529
3x300/25 rm	83	13900	250	240	0.0601	0.27	0.33	492	608
18/30 (36) kV									
3x35/16 rm	63	4900	500	200	0.524	0.47	0.11	154	172
3x50/16 rm	66	5400	500	220	0.387	0.45	0.12	181	205
3x70/16 rm	70	6500	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	74	7500	250	220	0.193	0.40	0.15	263	307
3x120/16 rm	77	8650	250	220	0.153	0.39	0.16	298	352
3x150/25 rm	80	9250	250	240	0.124	0.37	0.17	332	397
3x185/25 rm	84	10100	250	240	0.0991	0.36	0.19	374	453
3x240/25 rm	88	12100	250	240	0.0754	0.34	0.21	431	529
3x300/25 rm	93	15150	250	240	0.0601	0.33	0.23	492	608
20.3/35 (42) kV									
3x35/16 rm	68	5200	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	71	6250	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	75	7150	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	78	8300	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	82	9250	250	240	0.153	0.39	0.16	298	352
3x150/25 rm	85	10050	250	240	0.124	0.37	0.17	332	397
3x185/25 rm	88	11200	250	240	0.0991	0.36	0.19	374	453
3x240/25 rm	94	12500	250	240	0.0754	0.34	0.21	431	529
3x300/25 rm	98	15600	250	240	0.0601	0.33	0.23	492	608

YAPIS

1 Bakır iletken (sınıf 2)
2 ıç yarı iletken tabaka
3 XLPE izole
4 Dıfl yarı iletken tabaka
5 Yarı iletken krep ka¤ıdı
6 Bakır flerit ekran
7 PP dolgu
8 PVC ayırıcı kılıf
9 Galvanizli yassı çelik tel
10 Galvanizli çelik bant
11 PVC dıfl kılıf

ÖZELLKLER

Tip : YXC8VZ3V (N2XSEYFGY)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldı¤ı Yerler :
Mekanik zorlanmalara karflı yapısındaki zırh sayesinde mukavemetlidir. Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleflim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artıflı beklenen flebekelerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklı¤ı

Maks. ıflletme Sıcaklı¤ı

Kısa Devre Sıcaklı¤ı


Aleve Dayanıklılık IEC 60332 -1-2


Darbe Dayanıklılı¤ı

Min. Bükülme Yarıçapı

RoHS

FZKSEL VE ELEKTRKSEL ÖZELLKLER

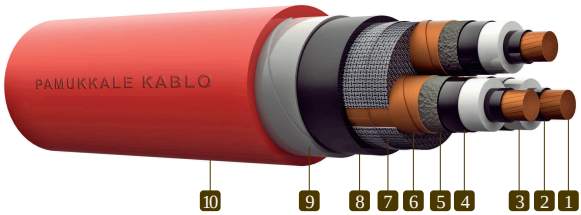
Nominal kesit	Dıfl çap yaklafılık	Net a¤ırlık yaklafılık	Standart sevk uzunlu¤u	Sevk makara tipi	20°C'de iletken DC direnci	Çalıflma indüktansı yaklafılık	Çalıflma kapasitesi yaklafılık	Akım tafllıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	49	3640	500	200	0.524	0.37	0.22	154	172
3x50/16 rm	52	4200	500	210	0.387	0.35	0.24	181	205
3x70/16 rm	57	5150	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	60	6200	500	220	0.193	0.32	0.31	263	307
3x120/16 rm	64	7150	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	67	8250	500	240	0.124	0.30	0.36	332	397
3x185/25 rm	71	9600	500	260	0.0991	0.29	0.40	374	453
3x240/25 rm	77	10650	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	83	14050	250	240	0.0601	0.27	0.51	492	608

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	Standart sevk uzunluğu	Sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık	Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	55	4200	500	210	0.524	0.39	0.18	154	172
3x50/16 rm	58	4800	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	62	5750	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	66	6850	500	240	0.193	0.33	0.25	263	307
3x120/16rm	69	7850	250	200	0.153	0.32	0.27	298	352
3x150/25rm	73	8950	250	210	0.124	0.31	0.29	332	397
3x185/25rm	77	10300	250	220	0.0991	0.30	0.32	374	453
3x240/25rm	83	12450	250	240	0.0754	0.29	0.35	431	529
3x300/25rm	89	14900	250	260	0.0601	0.27	0.40	492	608
12/20 (24) kV									
3x35/16 rm	60	4750	500	220	0.524	0.39	0.18	154	172
3x50/16 rm	63	5350	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	67	6350	500	240	0.268	0.35	0.22	220	253
3x95/16 rm	71	7450	500	260	0.193	0.33	0.25	263	307
3x120/16 rm	74	8450	250	210	0.153	0.32	0.27	298	352
3x150/25 rm	78	9600	250	220	0.124	0.31	0.29	332	397
3x185/25 rm	87	11000	250	240	0.0991	0.30	0.32	374	453
3x240/25 rm	88	13200	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	93	15700	250	260	0.0601	0.27	0.33	492	608
18/30 (36) kV									
3x35/16 rm	72	6250	250	210	0.524	0.47	0.11	154	172
3x50/16 rm	75	6900	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	79	7950	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	83	9100	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	86	10200	250	240	0.153	0.39	0.16	298	352
3x150/25 rm	90	11400	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	94	12900	250	260	0.0991	0.36	0.19	374	453
3x240/25 rm	100	15200	250	280	0.0754	0.34	0.21	431	529
3x300/25 rm	106	17800	250	300	0.0601	0.33	0.23	492	608
20.3/35 (42) kV									
3x35/16 rm	77	6900	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	80	7600	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	84	8650	250	240	0.268	0.42	0.14	220	253
3x95/16 rm	88	9850	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	91	10950	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	95	12150	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	99	13700	250	280	0.0991	0.36	0.19	374	453
3x240/25 rm	105	16000	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	110	18550	250	300	0.0601	0.33	0.23	492	608

YAPISI

1 Bakır iletken (sınıf 2)
2 İç yarı iletken tabaka
3 XLPE izole
4 Dış yarı iletken tabaka
5 Yarı iletken krep kağıdı
6 Bakır flerit ekran
7 PP dolgu
8 PVC ayırıcı kılıf
9 Galvanizli çift çelik bant
10 PVC dış kılıf



ÖZELLİKLER

Tip : YXC8VZ4V (N2XSEYBY)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullanıldığı Yerler :
Mekanik zorlanmalara karflı yapısındaki zırh sayesinde mukavemetlidir. Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleflim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artıflı beklenen flebekelerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklığı

Maks. İletme Sıcaklığı

Kısa Devre Sıcaklığı


Aleve Dayanıklılık IEC 60332 -1-2


Darbe Dayanıklılığı

Min. Bükülme Yarıçapı

RoHS

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

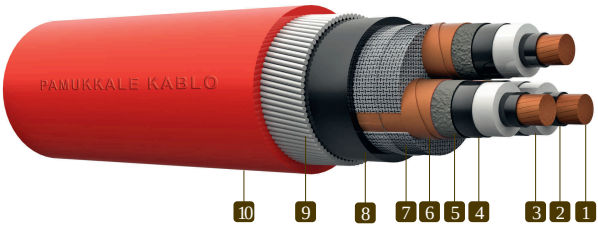
Nominal kesit	Dış çap yaklaflık	Net ağırlık yaklaflık	Standart sevk uzunluğu	Sevk makara tipi	20°C'de iletken DC direnci	Çalışflma indüktansı yaklaflık	Çalışflma kapasitesi yaklaflık	Akım taflıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	49	3400	500	200	0.524	0.37	0.22	154	172
3x50/16 rm	52	4000	500	210	0.387	0.35	0.24	181	205
3x70/16 rm	57	4900	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	60	5900	500	220	0.193	0.32	0.31	263	307
3x120/16 rm	64	6850	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	67	7900	500	240	0.124	0.30	0.36	332	397
3x185/25 rm	71	9250	500	260	0.0991	0.29	0.40	374	453
3x240/25 rm	77	11300	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	84	14450	250	240	0.0601	0.27	0.51	492	608

FİZİKSEL VE ELEKTRİKSEL ÖZELLİKLER

Nominal kesit	Dış çap yaklaşık	Net ağırlık yaklaşık	Standart sevk uzunluğu	Sevk makara tipi	20°C'de iletken DC direnci	Çalışma indüktansı yaklaşık	Çalışma kapasitesi yaklaşık	Akım taşıma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	55	3950	500	210	0.524	0.39	0.18	154	172
3x50/16 rm	58	4550	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	62	5450	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	66	6500	500	240	0.193	0.33	0.25	263	307
3x120/16rm	69	7500	250	200	0.153	0.32	0.27	298	352
3x150/25rm	73	8600	250	210	0.124	0.31	0.29	332	397
3x185/25rm	77	9900	250	220	0.0991	0.30	0.32	374	453
3x240/25rm	84	12800	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	90	15300	250	260	0.0601	0.29	0.40	492	608
12/20 (24) kV									
3x35/16 rm	60	4450	500	220	0.524	0.39	0.16	154	172
3x50/16 rm	62	5050	500	220	0.387	0.37	0.18	181	205
3x70/16 rm	67	6000	500	240	0.268	0.35	0.20	220	253
3x95/16 rm	70	7100	500	240	0.193	0.33	0.22	263	307
3x120/16rm	74	8100	250	210	0.153	0.32	0.24	298	352
3x150/25rm	77	9200	250	220	0.124	0.31	0.26	332	397
3x185/25rm	83	11350	250	240	0.0991	0.30	0.28	374	453
3x240/25rm	89	13600	250	260	0.0754	0.29	0.31	431	529
3x300/25 rm	95	16100	200	260	0.0601	0.27	0.34	492	608
18/30 (36) kV									
3x35/16 rm	72	5900	250	210	0.524	0.47	0.13	154	172
3x50/16 rm	75	6500	250	220	0.387	0.45	0.14	181	205
3x70/16 rm	79	7550	250	220	0.268	0.42	0.16	220	253
3x95/16 rm	84	9500	250	240	0.193	0.40	0.17	263	307
3x120/16 rm	88	10600	250	240	0.153	0.39	0.18	298	352
3x150/25 rm	91	11800	250	260	0.124	0.37	0.20	332	397
3x185/25 rm	95	13300	250	260	0.0991	0.36	0.21	374	453
3x240/25 rm	101	15600	250	280	0.0754	0.34	0.23	431	529
3x300/25 rm	107	18250	250	300	0.0601	0.33	0.25	492	608
20.3/35 (42) kV									
3x35/16 rm	77	6500	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	80	7200	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	85	9050	250	240	0.268	0.42	0.14	220	253
3x95/16 rm	89	10250	250	260	0.193	0.40	0.15	263	307
3x120/16 rm	93	11400	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	96	12600	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	100	14200	250	280	0.0991	0.36	0.19	374	453
3x240/25 rm	106	16500	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	112	19200	250	320	0.0601	0.33	0.23	492	608

YAPISI

1 Bakır iletken (sınıf 2)
2 ‹ç yarı iletken tabaka
3 XLPE izole
4 Dıfl yarı iletken tabaka
5 Yarı iletken krep ka¤ıdı
6 Bakır flerit ekran
7 PP dolgu
8 PVC ayırıcı kılıf
9 Galvanizli yuvarlak çelik tel
10 PVC dıfl kılıf



ÖZELLKLER

Tip : YXC8VZ2V (N2XSEYRY)
Standartlar : TS IEC 60502-2 - TSEK
Anma Gerilimi : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Kullan›ld›¤› Yerler :
Mekanik zorlanmalara karflı yapısındaki zırh sayesinde mukavemetlidir. Bu kabloların elektriksel kayıpları küçüktür. Endüstri bölgelerinin ve yerleflim merkezlerinin elektrik enerjisi ile beslenmesinde, yük artıflı beklenen flebekelerde, dahilde, hariçte, toprak altında veya kablo kanallarında kullanılır.

Kullanım Sıcaklı¤ı

Maks. ‹flletme Sıcaklı¤ı

Kısa Devre Sıcaklı¤ı


Aleve Dayanıklılık IEC 60332 -1-2


Darbe Dayanıklılı¤ı

Min. Bükülme Yarıçapı

RoHS

FZKSEL VE ELEKTRKSEL ÖZELLKLER

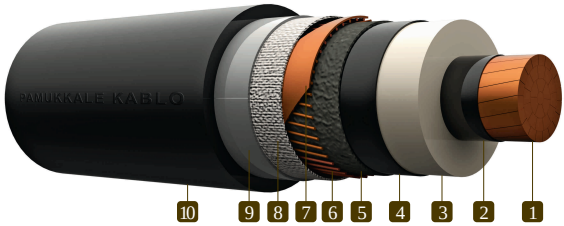
Nominal kesit	D›fl çap yaklafl›k	Net a¤›rl›k yaklafl›k	Standart sevk uzunlu¤u	Sevk makara tipi	20°C'de iletken DC direnci	Çal›flma indüktans› yaklafl›k	Çal›flma kapasitesi yaklafl›k	Ak›m tafl›ma kapasitesi (30°C)	
								Toprakta	Havada
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	53	5000	500	210	0.524	0.37	0.22	154	172
3x50/16 rm	56	5650	500	220	0.387	0.35	0.24	181	205
3x70/16 rm	60	6750	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	64	7850	500	240	0.193	0.32	0.31	263	307
3x120/16 rm	68	9000	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	71	10100	500	260	0.124	0.30	0.36	332	397
3x185/25 rm	76	12450	250	220	0.0991	0.29	0.40	374	453
3x240/25 rm	83	14800	250	240	0.0754	0.28	0.45	431	529
3x300/25 rm	88	17450	250	240	0.0601	0.27	0.51	492	608

FZKSEL VE ELEKTRKSEL ÖZELLKLER

Nominal kesit	Dfl çap yaklaflık	Net a¤rlık yaklaflık	Standart sevk uzunlu¤u	Sevk makara tipi	20°C'de iletken DC direnci	Çalıflma indüktansı yaklaflık	Çalıflma kapasitesi yaklaflık	Akım tafllıma kapasitesi (30°C)	
								Toprakta	Havada
mm²	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	58	5750	500	220	0.524	0.39	0.18	154	172
3x50/16 rm	61	6400	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	66	7500	500	240	0.268	0.35	0.22	220	253
3x95/16 rm	69	8700	500	240	0.193	0.33	0.25	263	307
3x120/16 rm	74	9800	500	260	0.153	0.32	0.27	298	352
3x150/25 rm	78	11800	250	220	0.124	0.31	0.29	332	397
3x185/25 rm	82	13400	250	240	0.0991	0.30	0.32	374	453
3x240/25 rm	88	15800	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	94	18500	250	260	0.0601	0.29	0.40	608	608
12/20 (24) kV									
3x35/16 rm	63	6450	500	220	0.524	0.37	0.16	154	172
3x50/16 rm	66	7150	500	240	0.387	0.35	0.18	181	205
3x70/16 rm	71	8200	500	260	0.268	0.33	0.20	220	253
3x95/16 rm	76	10300	250	220	0.193	0.32	0.22	263	307
3x120/16 rm	80	11450	250	220	0.153	0.31	0.24	298	352
3x150/25 rm	83	12700	250	240	0.124	0.30	0.26	332	397
3x185/25 rm	86	14200	250	240	0.0991	0.29	0.28	374	453
3x240/25 rm	93	16700	250	260	0.0754	0.28	0.31	431	529
3x300/25 rm	99	19500	250	280	0.0601	0.27	0.34	608	608
18/30 (36) kV									
3x35/16 rm	77	9100	250	220	0.524	0.47	0.13	154	172
3x50/16 rm	80	9900	250	220	0.387	0.45	0.14	181	205
3x70/16 rm	84	11100	250	240	0.268	0.42	0.16	220	253
3x95/16 rm	88	12500	250	240	0.193	0.40	0.17	263	307
3x120/16rm	92	13700	250	260	0.153	0.39	0.18	298	352
3x150/25rm	95	15050	250	260	0.124	0.37	0.20	332	397
3x185/25rm	99	16700	250	280	0.0991	0.36	0.21	374	453
3x240/25rm	105	19250	250	300	0.0754	0.34	0.23	431	529
3x300/25 rm	111	22100	250	320	0.0601	0.33	0.25	608	608
20.3/35 (42) kV									
3x35/16 rm	82	9900	250	240	0.524	0.47	0.11	154	172
3x50/16 rm	84	10700	250	240	0.387	0.45	0.12	181	205
3x70/16 rm	89	11950	250	260	0.268	0.42	0.14	220	253
3x95/16 rm	93	13300	250	260	0.193	0.40	0.15	263	307
3x120/16 rm	96	14600	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	99	15900	250	280	0.124	0.37	0.17	332	397
3x185/25 rm	104	17700	250	300	0.0991	0.36	0.19	374	453
3x240/25 rm	109	20150	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	115	23000	250	320	0.0601	0.33	0.23	608	608

YAPISI

1 Bakır iletken (sınıf 2)
2 ç yarı iletken tabaka
3 XLPE izole
4 Dıfl yarı iletken tabaka
5 Yarı iletken suda fliflen bant
6 Konsantrik iletken
7 Bakır bant
8 Su tutucu bant
9 Kopolimerli alüminyum bant
10 Polietilen dıfl kılıf



ÖZELLKLER

Tip : YXC7(Q)A2E (2XS(FL)2Y)
Standartlar : IEC 60840 Test Standardı
Anma Gerilimi : Uo/U=26/45 kV
Uo/U=38/66 kV
Uo/U=64/100 kV
Uo/U=89/154 kV

Kullan›ld›¤› Yerler :
Enerji üretim merkezlerinden, ulusal ve uluslararası enterkonnekte flebekelerin beslenmelerinde, kentlerin ana da¤ıtım sistemlerine ba¤lanmasında, güvenlik ve çevre koruması nedeni ile yüksek gerilim havai hatlarla flehir merkezlerine girilemeyen yerlerde, hariçte, kablo kanallarında ve toprak altında kullanılır. Ayrıca bu kablolar su geçirmez özelliktedir.

Kullanım Sıcaklı¤ı

Maks. ‹fletme Sıcaklı¤ı

Kısa Devre Sıcaklı¤ı


Aleve Dayanıklılık
IEC 60332 -1-2

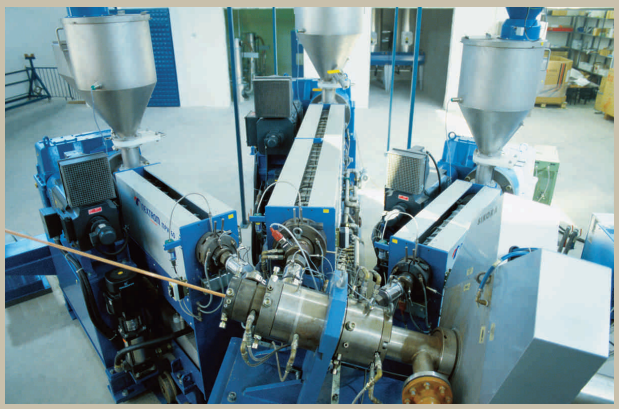
Min. Bükülme Yarıçapı

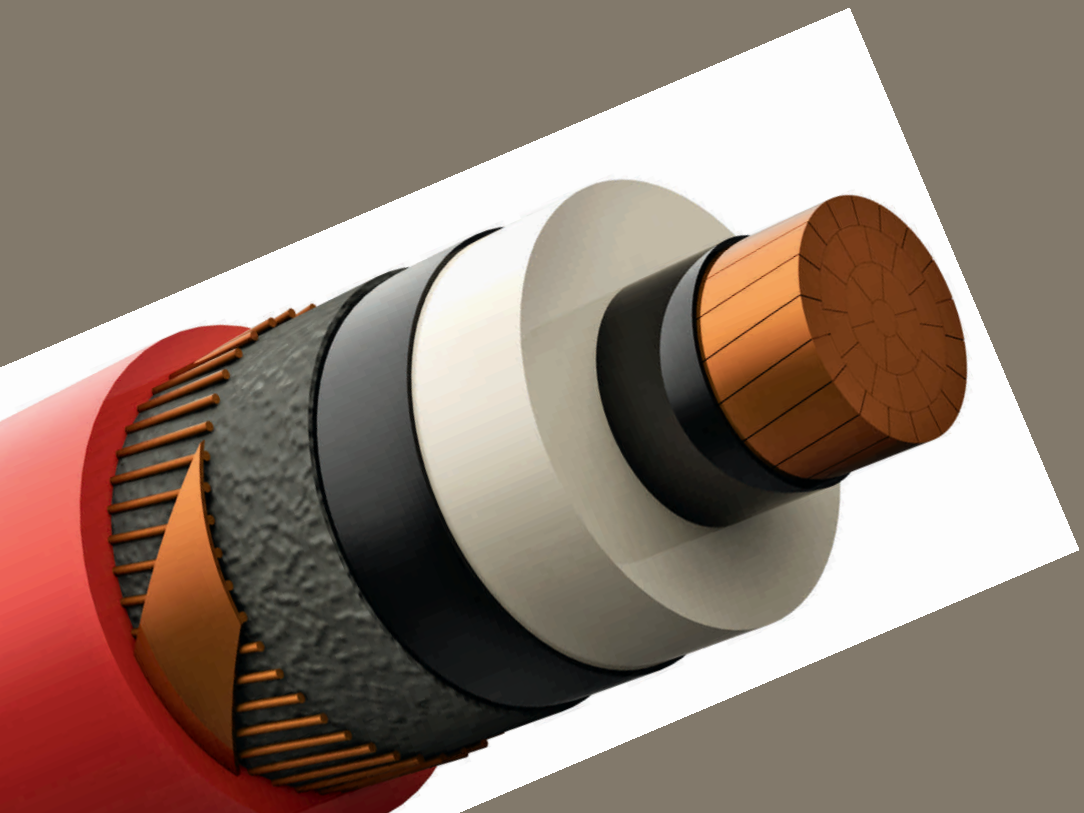
RoHS

FZKSEL VE ELEKTRKSEL ÖZELLKLER

Nominal kesit	D›fl çap yaklafl›k	Net a¤›rl›k yaklafl›k	Standart sevk uzunlu¤u	Sevk makara tipi	20°C'de iletken DC direnci	Çal›flma indüktans› yaklafl›k	Çal›flma kapasitesi yaklafl›k	Ak›m tafl›ma kapasitesi (30°C) Toprakta
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A
26/45 (52) kV								
1x300/35 rm	53	5300	500	210	0.0601	0.37	0.20	598
1x400/35 rm	62	6100	500	220	0.0470	0.35	0.22	673
1x500/50 rm	67	7200	500	240	0.0366	0.33	0.24	759
38/66 (76) kV								
1x630/135 rm	80	12200	250	240	0.0283	0.48	0.19	764
1x800/135 rm	83	14000	250	240	0.0221	0.46	0.21	896
1x1000/135 rm	88	16000	250	240	0.0176	0.43	0.24	931
64/110 (123) kV								
1x630/135 rm	89	13300	250	260	0.0283	0.59	0.18	821
1x800/135 rm	93	15100	250	260	0.0221	0.57	0.19	902
1x1000/135 rm	97	17200	250	280	0.0176	0.55	0.21	968
89/154 (175) kV								
1x630/135 rm	95	14200	250	260	0.0283	0.69	0.16	1080
1x800/135 rm	99	15900	250	280	0.0221	0.68	0.18	1220
1x1000/135 rm	103	18100	250	280	0.0176	0.66	0.19	1355

• Bu tür kabloların konstrüksiyonları proje bazında hazırlanmaktadır. Detaylı bilgi için firmamızla temas kurunuz.



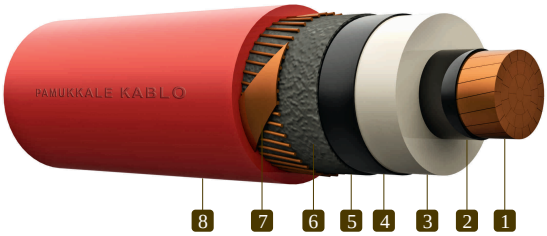


MEDIUM AND HIGH VOLTAGE POWER CABLES

N2XSY
N2XS(F)2Y
NA2XS(F)2Y
CU/XLPE/SC/AWA/PVC
N2XSEY
N2XSEYFGY
N2XSEYBY
N2XSEYRY
2XS(FL)2Y

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Concentric conductor
7 Copper tape
8 PVC outer sheath



SPECIFICATIONS

Code : N2XSY
Standards : VDE 0273 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

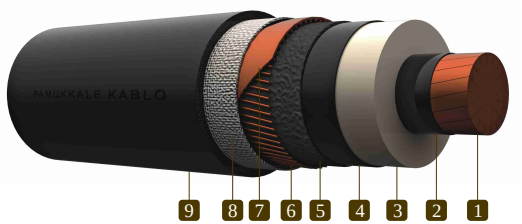
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
6/10 (12) kV											
1x35/16 rm	22	800	120	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	23	940	130	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	25	1160	140	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	27	1420	140	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	28	1670	150	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	30	2060	150	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	31	2400	160	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	34	2970	180	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	37	3650	180	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	40	4550	200	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	44	5650	220	0.0366	0.53	0.28	0.63	632	658	1020	942

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⁂	MF/km	A ⊙ ⊙ ⊙	A ⁂	A ⊙ ⊙ ⊙	A ⁂
8.7/15 (17.5) kV											
1x35/16 rm	24	875	130	0.524	0.75	0.44	0.18	172	166	238	198
1x50/16 rm	26	1020	140	0.387	0.73	0.42	0.19	203	196	286	238
1x70/16 rm	27	1240	140	0.268	0.70	0.40	0.22	246	239	356	296
1x95/16 rm	29	1520	150	0.193	0.66	0.37	0.25	293	285	434	361
1x120/16 rm	31	1770	160	0.153	0.64	0.36	0.27	332	323	500	417
1x150/25 rm	32	2160	160	0.124	0.63	0.35	0.29	366	361	559	473
1x185/25 rm	34	2520	180	0.0991	0.61	0.34	0.31	410	406	637	543
1x240/25 rm	36	3090	180	0.0754	0.58	0.33	0.35	470	469	745	641
1x300/25 rm	39	3780	200	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	43	4690	220	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	46	5780	220	0.0366	0.53	0.29	0.49	632	658	1020	942
12/20 (24) kV											
1x35/16 rm	26	960	140	0.524	0.75	0.42	0.16	172	166	238	198
1x50/16 rm	28	1100	150	0.387	0.72	0.40	0.18	203	196	286	238
1x70/16 rm	30	1350	150	0.268	0.69	0.38	0.20	246	239	356	296
1x95/16 rm	31	1620	160	0.193	0.66	0.36	0.22	293	285	434	361
1x120/16 rm	33	1900	160	0.153	0.64	0.35	0.24	332	323	500	417
1x150/25 rm	35	2275	180	0.124	0.62	0.34	0.26	366	361	559	473
1x185/25 rm	36	2650	180	0.0991	0.60	0.33	0.28	410	406	637	543
1x240/25 rm	39	3250	200	0.0754	0.58	0.31	0.31	470	469	745	641
1x300/25 rm	42	3960	200	0.0601	0.56	0.30	0.34	524	526	846	735
1x400/35 rm	45	4870	220	0.0470	0.54	0.29	0.37	572	590	938	845
1x500/35 rm	49	5950	240	0.0366	0.54	0.29	0.41	632	658	1020	942
18/30 (36)kV											
1x35/16 rm	32	1200	160	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	33	1350	160	0.387	0.75	0.42	0.14	203	196	286	238
1x70/16 rm	35	1620	180	0.268	0.72	0.40	0.16	246	239	356	296
1x95/16 rm	37	1900	180	0.193	0.69	0.38	0.17	293	285	434	361
1x120/16 rm	39	2200	200	0.153	0.66	0.36	0.18	332	323	500	417
1x150/25 rm	40	2600	200	0.124	0.64	0.35	0.20	366	361	559	473
1x185/25 rm	42	3000	200	0.0991	0.62	0.34	0.21	410	406	637	543
1x240/25 rm	44	3600	220	0.0754	0.60	0.33	0.23	470	469	745	641
1x300/25 rm	47	4300	220	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	50	5270	240	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	54	6400	260	0.0366	0.43	0.30	0.36	632	658	1020	942
20.3/35 (42)kV											
1x35/16 rm	34	1300	180	0.524	0.77	0.51	0.11	172	166	238	198
1x50/16 rm	35	1500	180	0.387	0.75	0.42	0.12	203	196	286	238
1x70/16 rm	37	1750	180	0.268	0.71	0.40	0.14	246	239	356	296
1x95/16 rm	39	2050	200	0.193	0.68	0.38	0.15	293	285	434	361
1x120/16 rm	41	2350	200	0.153	0.66	0.36	0.16	332	323	500	417
1x150/25 rm	42	2750	200	0.124	0.64	0.35	0.17	366	361	559	473
1x185/25 rm	44	3100	220	0.0991	0.62	0.39	0.18	410	406	637	543
1x240/25 rm	46	3700	220	0.0754	0.60	0.37	0.20	470	469	745	641
1x300/25 rm	49	4480	240	0.0601	0.59	0.36	0.23	524	526	846	735
1x400/35 rm	53	5420	260	0.0470	0.57	0.35	0.25	572	590	938	845
1x500/35 rm	56	6550	260	0.0366	0.55	0.33	0.28	632	658	1020	942

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive water blocking tape
6 Concentric conductor
7 Copper tape
8 Water Swelling tape
9 PE outer sheath



SPECIFICATIONS

Code : N2XS(F)2Y
Standards : VDE 0273 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications.These cables can also be used in humid and wet applications.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙
6/10 (12) kV											
1x35/16 rm	23	800	130	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	24	940	130	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	26	1160	140	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	28	1420	150	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	30	1670	150	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	31	2060	160	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	32	2400	160	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	35	2970	180	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	38	3650	200	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	41	4550	200	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	45	5650	220	0.0366	0.53	0.28	0.63	632	658	1026	942

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
8.7/15 (17.5) kV											
1x35/16 rm	25	875	140	0.524	0.75	0.44	0.19	172	166	238	198
1x50/16 rm	27	1020	140	0.387	0.73	0.42	0.21	203	196	286	238
1x70/16 rm	28	1240	150	0.268	0.70	0.40	0.23	246	239	356	296
1x95/16 rm	30	1520	150	0.193	0.66	0.37	0.26	293	285	434	361
1x120/16 rm	31	1770	160	0.153	0.64	0.36	0.28	332	323	500	417
1x150/25 rm	33	2160	160	0.124	0.63	0.35	0.30	366	361	559	473
1x185/25 rm	34	2520	180	0.0991	0.61	0.34	0.33	410	406	637	543
1x240/25 rm	37	3090	180	0.0754	0.58	0.33	0.37	470	469	745	641
1x300/25 rm	40	3780	200	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	43	4690	220	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	47	5780	220	0.0366	0.53	0.29	0.49	632	658	1026	942
12/20 (24) kV											
1x35/16 rm	27	960	140	0.524	0.75	0.42	0.16	172	166	238	198
1x50/16 rm	28	1100	150	0.387	0.72	0.40	0.18	203	196	286	238
1x70/16 rm	30	1350	150	0.268	0.69	0.38	0.20	246	239	356	296
1x95/16 rm	32	1620	160	0.193	0.66	0.36	0.22	293	285	434	361
1x120/16rm	34	1900	180	0.153	0.64	0.35	0.24	332	323	500	417
1x150/25rm	35	2275	180	0.124	0.62	0.34	0.26	366	361	559	473
1x185/25rm	37	2650	180	0.0991	0.60	0.33	0.28	410	406	637	543
1x240/25rm	39	3250	200	0.0754	0.58	0.31	0.31	470	469	745	641
1x300/25rm	42	3960	200	0.0601	0.56	0.30	0.34	524	526	846	735
1x400/35rm	45	4870	220	0.0470	0.54	0.29	0.37	572	590	938	845
1x500/35rm	49	5950	240	0.0366	0.54	0.29	0.41	632	658	1026	942
18/30 (36) kV											
1x35/16 rm	33	1200	160	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	34	1350	180	0.387	0.75	0.42	0.14	203	196	286	238
1x70/16 rm	36	1620	180	0.268	0.72	0.40	0.16	246	239	356	296
1x95/16 rm	37	1900	180	0.193	0.69	0.38	0.17	293	285	434	361
1x120/16 rm	39	2200	200	0.153	0.69	0.36	0.18	332	323	500	417
1x150/25 rm	40	2600	200	0.124	0.64	0.35	0.20	366	361	559	473
1x185/25 rm	42	3000	200	0.0991	0.62	0.34	0.21	410	406	637	543
1x240/25 rm	45	3600	220	0.0754	0.60	0.33	0.23	470	469	745	641
1x300/25 rm	48	4300	240	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	51	5270	260	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	55	6400	260	0.0366	0.53	0.30	0.30	632	658	1026	942
20.3/35 (42) kV											
1x35/16 rm	35	1300	180	0.524	0.77	0.51	0.11	172	166	238	198
1x50/16 rm	36	1500	180	0.387	0.75	0.42	0.12	203	196	286	238
1x70/16 rm	38	1750	200	0.268	0.71	0.40	0.14	246	239	356	296
1x95/16 rm	39	2050	200	0.193	0.68	0.38	0.15	293	285	434	361
1x120/16rm	41	2350	200	0.153	0.66	0.36	0.16	332	323	500	417
1x150/25rm	43	2750	220	0.124	0.64	0.35	0.17	366	361	559	473
1x185/25rm	44	3100	220	0.0991	0.62	0.39	0.18	410	406	637	543
1x240/25rm	47	3700	220	0.0754	0.60	0.37	0.20	470	469	745	641
1x300/25rm	50	4480	240	0.0601	0.59	0.36	0.23	524	526	846	735
1x400/35rm	53	5420	260	0.0470	0.57	0.35	0.25	572	590	938	845
1x500/35rm	57	6550	260	0.0366	0.55	0.33	0.28	632	658	1026	942

CONSTRUCTION

1 Aluminium conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive water blocking tape
6 Concentric conductor
7 Copper tape
8 Water Swelling tape
9 PE outer sheath

SPECIFICATIONS

Code : NA2XS(F)2Y
Standards : VDE 0273 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications.These cables can also be used in humid and wet applications.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

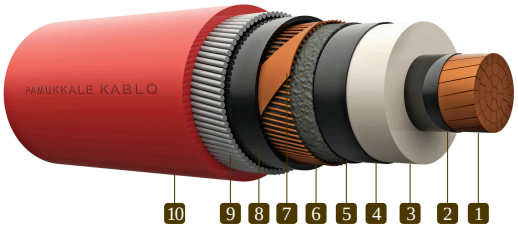
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙⊙	A ⊙ ⊙ ⊙	A ⊙⊙⊙
6/10 (12) kV											
1x35/16 rm	23	600	130	0.641	0.78	0.43	0.23	134	129	123	122
1x50/16 rm	24	670	130	0.443	0.73	0.41	0.24	157	152	146	144
1x70/16 rm	26	765	140	0.320	0.69	0.38	0.27	192	186	178	176
1x95/16 rm	28	870	150	0.253	0.66	0.36	0.30	229	221	213	210
1x120/16 rm	29	995	150	0.206	0.64	0.35	0.33	260	252	242	240
1x150/25 rm	31	1200	160	0.206	0.62	0.34	0.36	288	281	271	267
1x185/25 rm	33	1350	160	0.164	0.61	0.33	0.39	324	317	307	303
1x240/25 rm	35	1580	180	0.125	0.58	0.32	0.44	373	367	356	351
1x300/25 rm	37	1800	200	0.100	0.56	0.31	0.48	419	414	402	397
1x400/35 rm	41	2200	200	0.0778	0.55	0.30	0.53	466	470	457	451
1x500/35 rm	44	2650	220	0.0605	0.53	0.29	0.59	526	542	508	502

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km	mH/km	MF/km	A	A	A	A
	25	700	140	0.868	0.76	0.45	0.16	134	129	123	122
8.7/15 (17.5) kV	26	770	140	0.641	0.73	0.43	0.19	157	152	146	144
1x35/16 rm	28	850	150	0.443	0.70	0.40	0.22	192	186	178	176
1x50/16 rm	30	1000	150	0.320	0.67	0.38	0.24	229	221	213	210
1x70/16 rm	31	1100	160	0.253	0.65	0.37	0.27	260	252	242	240
1x95/16 rm	33	1300	160	0.206	0.63	0.35	0.29	288	281	271	267
1x120/16 rm	35	1500	180	0.164	0.61	0.34	0.31	324	317	307	303
1x150/25 rm	37	1700	180	0.125	0.59	0.33	0.34	373	367	356	351
1x185/25 rm	40	1950	200	0.100	0.57	0.32	0.38	419	414	402	397
1x240/25 rm	43	2400	220	0.0778	0.55	0.31	0.41	466	470	457	451
1x300/25 rm	46	2800	220	0.0605	0.53	0.30	0.46	526	542	508	502
1x400/35 rm											
1x500/35 rm											
	27	800	140	0.868	0.75	0.43	0.14	134	129	123	122
12/20 (24) kV	29	850	150	0.641	0.72	0.41	0.17	157	152	146	144
1x35/16 rm	30	950	150	0.443	0.69	0.39	0.19	192	186	178	176
1x50/16 rm	32	1100	160	0.320	0.66	0.36	0.21	229	221	213	210
1x70/16 rm	34	1200	180	0.253	0.64	0.35	0.23	260	252	242	240
1x95/16 rm	35	1500	180	0.206	0.62	0.33	0.25	288	281	271	267
1x120/16rm	37	1600	180	0.164	0.59	0.32	0.27	324	317	307	303
1x150/25rm	40	1850	200	0.125	0.57	0.31	0.30	373	367	356	351
1x185/25rm	42	2100	200	0.100	0.55	0.30	0.32	419	414	402	397
1x240/25rm	45	2550	220	0.0778	0.53	0.29	0.35	466	470	457	451
1x300/25rm	48	2950	240	0.0605	0.51	0.27	0.37	526	542	508	502
1x400/35rm											
1x500/35rm											
	33	1050	160	0.868	0.74	0.49	0.11	134	129	123	122
18/30 (36) kV	34	1100	180	0.641	0.71	0.47	0.13	157	152	146	144
1x35/16 rm	36	1250	180	0.443	0.68	0.45	0.15	192	186	178	176
1x50/16 rm	37	1360	180	0.320	0.64	0.42	0.16	229	221	213	210
1x70/16 rm	39	1550	200	0.253	0.62	0.41	0.17	260	252	242	240
1x95/16 rm	41	1750	200	0.206	0.59	0.40	0.19	288	281	271	267
1x120/16 rm	42	1950	200	0.164	0.57	0.38	0.20	324	317	307	303
1x150/25 rm	45	2200	220	0.125	0.55	0.37	0.22	373	367	356	351
1x185/25 rm	47	2450	240	0.100	0.53	0.35	0.24	419	414	402	397
1x240/25 rm	50	2950	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x300/25 rm	54	3450	260	0.0605	0.49	0.33	0.28	526	542	508	502
1x400/35 rm											
1x500/35 rm											
	35	1150	180	0.868	0.74	0.49	0.11	134	129	123	122
20.3/35 (42) kV	36	1250	180	0.641	0.71	0.47	0.13	157	152	146	144
1x35/16 rm	38	1400	200	0.443	0.68	0.45	0.15	192	186	178	176
1x50/16 rm	40	1500	200	0.320	0.64	0.42	0.16	229	221	213	210
1x70/16 rm	41	1650	200	0.253	0.62	0.41	0.17	260	252	242	240
1x95/16 rm	43	1900	220	0.206	0.59	0.40	0.19	288	281	271	267
1x120/16rm	45	2100	220	0.164	0.57	0.38	0.20	324	317	307	303
1x150/25rm	47	2350	220	0.125	0.55	0.37	0.22	373	367	356	351
1x185/25rm	49	2650	240	0.100	0.53	0.35	0.24	419	414	402	397
1x240/25rm	53	3100	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x300/25rm	56	3600	260	0.0605	0.49	0.33	0.28	526	542	508	502
1x400/35rm											
1x500/35rm											

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Concentric conductor
7 Copper tape
8 PVC separation sheath
9 Aluminium round wire
10 PVC outer sheath



SPECIFICATIONS

Code : CU/XLPE / SC / AWA / PVC
Standards : BS 6622 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure makes the cable necessary where there is mechanical stress risk.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

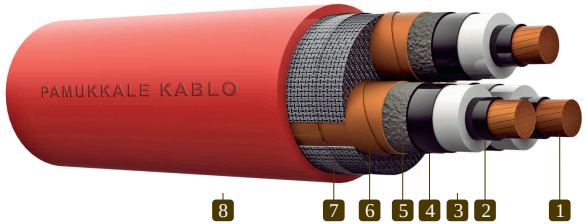
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm²	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙
6/10 (12)kV											
1x35/16 rm	28	1150	150	0.524	0.75	0.42	0.22	172	166	238	198
1x50/16 rm	29	1330	150	0.387	0.72	0.40	0.24	203	196	286	238
1x70/16 rm	31	1600	160	0.268	0.69	0.38	0.28	246	239	356	296
1x95/16 rm	32	1900	160	0.193	0.66	0.36	0.31	293	285	434	361
1x120/16 rm	35	2300	180	0.153	0.64	0.35	0.33	332	323	500	417
1x150/25 rm	36	2700	180	0.124	0.62	0.34	0.36	366	361	559	473
1x185/25 rm	38	3050	200	0.0991	0.60	0.33	0.40	410	406	637	543
1x240/25 rm	41	3700	200	0.0754	0.58	0.31	0.45	470	469	745	641
1x300/25 rm	44	4450	220	0.0601	0.56	0.30	0.51	524	526	846	735
1x400/35 rm	48	5450	240	0.0470	0.54	0.29	0.57	572	590	938	845
1x500/35 rm	51	6600	260	0.0366	0.53	0.28	0.63	632	658	1026	942

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	Ω / km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙ ⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙⊙ ⊙	A ⊙ ⊙ ⊙	A ⊙⊙ ⊙
8.7/15 (17.5) kV											
1x35/16 rm	30	1280	150	0.524	0.75	0.44	0.19	172	166	238	198
1x50/16 rm	31	1450	160	0.387	0.73	0.42	0.21	203	196	286	238
1x70/16 rm	34	1730	180	0.268	0.70	0.40	0.23	246	239	356	296
1x95/16 rm	36	2050	180	0.193	0.66	0.37	0.26	293	285	434	361
1x120/16 rm	37	2400	180	0.153	0.64	0.36	0.28	332	323	500	417
1x150/25 rm	39	2820	200	0.124	0.63	0.35	0.30	366	361	559	473
1x185/25 rm	41	3250	200	0.0991	0.61	0.34	0.33	410	406	637	543
1x240/25 rm	43	3850	220	0.0754	0.58	0.33	0.37	470	469	745	641
1x300/25 rm	46	4650	220	0.0601	0.57	0.31	0.40	524	526	846	735
1x400/35 rm	50	5600	240	0.0470	0.55	0.30	0.44	572	590	938	845
1x500/35 rm	54	6830	260	0.0366	0.53	0.29	0.49	632	658	1026	942
12/20 (24) kV											
1x35/16 rm	32	1400	160	0.524	0.78	0.44	0.16	172	166	238	198
1x50/16 rm	34	1600	180	0.387	0.75	0.42	0.18	203	196	286	238
1x70/16 rm	36	1950	180	0.268	0.72	0.40	0.20	246	239	356	296
1x95/16 rm	38	2300	200	0.193	0.69	0.38	0.22	293	285	434	361
1x120/16 rm	40	2600	200	0.153	0.66	0.36	0.24	332	323	500	417
1x150/25 rm	41	3020	200	0.124	0.64	0.35	0.26	366	361	559	473
1x185/25 rm	43	3400	220	0.0991	0.62	0.34	0.28	410	406	637	543
1x240/25 rm	46	4050	220	0.0754	0.60	0.33	0.31	470	469	745	641
1x300/25 rm	49	4850	240	0.0601	0.58	0.31	0.34	524	526	846	735
1x400/35 rm	52	5850	260	0.0470	0.54	0.30	0.37	572	590	938	845
1x500/35 rm	56	7050	260	0.0366	0.54	0.29	0.41	632	658	1026	942
18/30 (36) kV											
1x35/16 rm	39	1850	200	0.524	0.75	0.42	0.13	172	166	238	198
1x50/16 rm	40	2050	200	0.387	0.72	0.40	0.14	203	196	286	238
1x70/16 rm	42	2350	200	0.268	0.69	0.38	0.16	246	239	356	296
1x95/16 rm	43	2700	220	0.193	0.66	0.36	0.17	293	285	434	361
1x120/16 rm	46	3160	220	0.153	0.64	0.35	0.18	332	323	500	417
1x150/25 rm	48	3600	240	0.124	0.62	0.34	0.20	366	361	559	473
1x185/25 rm	49	4020	240	0.0991	0.60	0.33	0.21	410	406	637	543
1x240/25 rm	52	4700	260	0.0754	0.58	0.31	0.23	470	469	745	641
1x300/25 rm	55	5500	260	0.0601	0.58	0.31	0.25	524	526	846	735
1x400/35 rm	59	6570	260	0.0470	0.56	0.30	0.28	572	590	938	845
1x500/35 rm	63	7850	280	0.0366	0.43	0.30	0.30	632	658	1026	942

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Copper tape screen
7 PP filler
8 PVC outer sheath



SPECIFICATIONS

Code : N2XSEY
Standards : VDE 0273
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure makes the cable necessary where there is mechanical stress risk.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

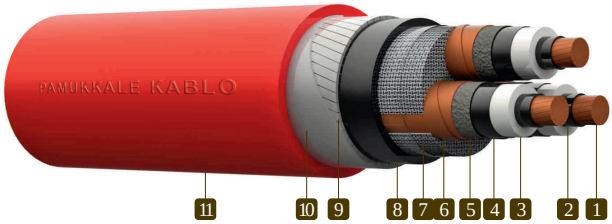
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	43	2700	500	180	0.524	0.37	0.22	154	172
3x50/16 rm	46	2950	500	180	0.387	0.35	0.24	181	205
3x70/16 rm	49	3900	500	180	0.268	0.33	0.28	220	253
3x95/16 rm	53	4950	500	200	0.193	0.32	0.31	263	307
3x120/16 rm	57	5850	500	220	0.153	0.31	0.34	298	352
3x150/25 rm	61	6900	500	220	0.124	0.30	0.36	332	397
3x185/25 rm	64	7950	500	240	0.0991	0.29	0.40	374	453
3x240/25 rm	69	9400	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	74	10650	250	240	0.0601	0.27	0.51	492	608

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	49	3200	500	180	0.524	0.39	0.18	154	172
3x50/16 rm	51	3600	500	200	0.387	0.37	0.20	181	205
3x70/16 rm	55	4500	500	200	0.268	0.35	0.22	220	253
3x95/16 rm	59	5450	500	220	0.193	0.33	0.25	263	307
3x120/16rm	63	6350	500	220	0.153	0.32	0.27	298	352
3x150/25rm	66	7250	500	220	0.124	0.31	0.29	332	397
3x185/25rm	69	8950	250	200	0.0991	0.30	0.32	374	453
3x240/25rm	74	9500	250	220	0.0754	0.29	0.35	431	529
3x300/25rm	79	1060	250	240	0.0601	0.27	0.40	492	608
12/20 (24) kV									
3x35/16 rm	52	3700	500	200	0.524	0.39	0.18	154	172
3x50/16 rm	54	4300	500	200	0.387	0.37	0.20	181	205
3x70/16 rm	58	5200	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	62	6250	500	220	0.193	0.33	0.25	263	307
3x120/16 rm	65	7300	500	220	0.153	0.32	0.27	298	352
3x150/25 rm	69	8450	250	200	0.124	0.31	0.29	332	397
3x185/25 rm	72	9500	250	200	0.0991	0.30	0.32	374	453
3x240/25 rm	78	11900	250	220	0.0754	0.29	0.35	431	529
3x300/25 rm	83	13900	250	240	0.0601	0.27	0.33	492	608
18/30 (36) kV									
3x35/16 rm	63	4900	500	200	0.524	0.47	0.11	154	172
3x50/16 rm	66	5400	500	220	0.387	0.45	0.12	181	205
3x70/16 rm	70	6500	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	74	7500	250	220	0.193	0.40	0.15	263	307
3x120/16 rm	77	8650	250	220	0.153	0.39	0.16	298	352
3x150/25 rm	80	9250	250	240	0.124	0.37	0.17	332	397
3x185/25 rm	84	10100	250	240	0.0991	0.36	0.19	374	453
3x240/25 rm	88	12100	250	240	0.0754	0.34	0.21	431	529
3x300/25 rm	93	15150	250	240	0.0601	0.33	0.23	492	608
20.3/35 (42) kV									
3x35/16 rm	68	5200	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	71	6250	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	75	7150	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	78	8300	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	82	9250	250	240	0.153	0.39	0.16	298	352
3x150/25 rm	85	10050	250	240	0.124	0.37	0.17	332	397
3x185/25 rm	88	11200	250	240	0.0991	0.36	0.19	374	453
3x240/25 rm	94	12500	250	240	0.0754	0.34	0.21	431	529
3x300/25 rm	98	15600	250	240	0.0601	0.33	0.23	492	608

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Copper tape screen
7 PP filler
8 PVC separation sheath
9 Galvanized flat steel wire
10 Galvanized steel tape



SPECIFICATIONS

Code : N2XSEYFGY
Standards : VDE 0273
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure makes the cable necessary where there is mechanical stress risk.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant IEC 60332 -1-2


Mechanical Resistance

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

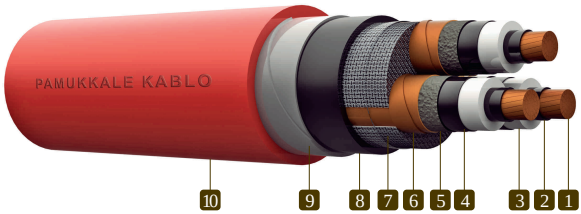
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	49	3640	500	200	0.524	0.37	0.22	154	172
3x50/16 rm	52	4200	500	210	0.387	0.35	0.24	181	205
3x70/16 rm	57	5150	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	60	6200	500	220	0.193	0.32	0.31	263	307
3x120/16 rm	64	7150	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	67	8250	500	240	0.124	0.30	0.36	332	397
3x185/25 rm	71	9600	500	260	0.0991	0.29	0.40	374	453
3x240/25 rm	77	10650	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	83	14050	250	240	0.0601	0.27	0.51	492	608

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	55	4200	500	210	0.524	0.39	0.18	154	172
3x50/16 rm	58	4800	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	62	5750	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	66	6850	500	240	0.193	0.33	0.25	263	307
3x120/16rm	69	7850	250	200	0.153	0.32	0.27	298	352
3x150/25rm	73	8950	250	210	0.124	0.31	0.29	332	397
3x185/25rm	77	10300	250	220	0.0991	0.30	0.32	374	453
3x240/25rm	83	12450	250	240	0.0754	0.29	0.35	431	529
3x300/25rm	89	14900	250	260	0.0601	0.27	0.40	492	608
12/20 (24) kV									
3x35/16 rm	60	4750	500	220	0.524	0.39	0.18	154	172
3x50/16 rm	63	5350	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	67	6350	500	240	0.268	0.35	0.22	220	253
3x95/16 rm	71	7450	500	260	0.193	0.33	0.25	263	307
3x120/16 rm	74	8450	250	210	0.153	0.32	0.27	298	352
3x150/25 rm	78	9600	250	220	0.124	0.31	0.29	332	397
3x185/25 rm	87	11000	250	240	0.0991	0.30	0.32	374	453
3x240/25 rm	88	13200	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	93	15700	250	260	0.0601	0.27	0.33	492	608
18/30 (36) kV									
3x35/16 rm	72	6250	250	210	0.524	0.47	0.11	154	172
3x50/16 rm	75	6900	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	79	7950	250	220	0.268	0.42	0.14	220	253
3x95/16 rm	83	9100	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	86	10200	250	240	0.153	0.39	0.16	298	352
3x150/25 rm	90	11400	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	94	12900	250	260	0.0991	0.36	0.19	374	453
3x240/25 rm	100	15200	250	280	0.0754	0.34	0.21	431	529
3x300/25 rm	106	17800	250	300	0.0601	0.33	0.23	492	608
20.3/35 (42) kV									
3x35/16 rm	77	6900	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	80	7600	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	84	8650	250	240	0.268	0.42	0.14	220	253
3x95/16 rm	88	9850	250	240	0.193	0.40	0.15	263	307
3x120/16 rm	91	10950	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	95	12150	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	99	13700	250	280	0.0991	0.36	0.19	374	453
3x240/25 rm	105	16000	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	110	18550	250	300	0.0601	0.33	0.23	492	608

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Copper tape screen
7 PP filler
8 PVC separation sheath
9 Galvanized double steel tape
10 PVC outer sheath



SPECIFICATIONS

Code : N2XSEYBY
Standards : VDE 0273 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure makes the cable necessary where there is mechanical stress risk.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant IEC 60332 -1-2


Mechanical Resistance

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

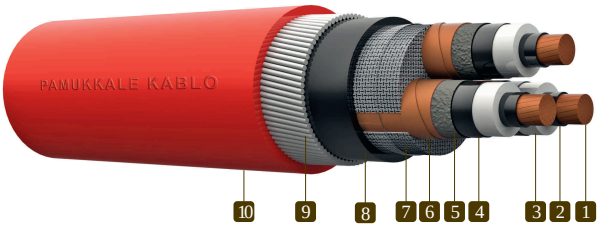
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	49	3400	500	200	0.524	0.37	0.22	154	172
3x50/16 rm	52	4000	500	210	0.387	0.35	0.24	181	205
3x70/16 rm	57	4900	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	60	5900	500	220	0.193	0.32	0.31	263	307
3x120/16 rm	64	6850	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	67	7900	500	240	0.124	0.30	0.36	332	397
3x185/25 rm	71	9250	500	260	0.0991	0.29	0.40	374	453
3x240/25 rm	77	11300	250	220	0.0754	0.28	0.45	431	529
3x300/25 rm	84	14450	250	240	0.0601	0.27	0.51	492	608

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	55	3950	500	210	0.524	0.39	0.18	154	172
3x50/16 rm	58	4550	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	62	5450	500	220	0.268	0.35	0.22	220	253
3x95/16 rm	66	6500	500	240	0.193	0.33	0.25	263	307
3x120/16rm	69	7500	250	200	0.153	0.32	0.27	298	352
3x150/25rm	73	8600	250	210	0.124	0.31	0.29	332	397
3x185/25rm	77	9900	250	220	0.0991	0.30	0.32	374	453
3x240/25rm	84	12800	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	90	15300	250	260	0.0601	0.29	0.40	492	608
12/20 (24) kV									
3x35/16 rm	60	4450	500	220	0.524	0.39	0.16	154	172
3x50/16 rm	62	5050	500	220	0.387	0.37	0.18	181	205
3x70/16 rm	67	6000	500	240	0.268	0.35	0.20	220	253
3x95/16 rm	70	7100	500	240	0.193	0.33	0.22	263	307
3x120/16rm	74	8100	250	210	0.153	0.32	0.24	298	352
3x150/25rm	77	9200	250	220	0.124	0.31	0.26	332	397
3x185/25rm	83	11350	250	240	0.0991	0.30	0.28	374	453
3x240/25rm	89	13600	250	260	0.0754	0.29	0.31	431	529
3x300/25 rm	95	16100	200	260	0.0601	0.27	0.34	492	608
18/30 (36) kV									
3x35/16 rm	72	5900	250	210	0.524	0.47	0.13	154	172
3x50/16 rm	75	6500	250	220	0.387	0.45	0.14	181	205
3x70/16 rm	79	7550	250	220	0.268	0.42	0.16	220	253
3x95/16 rm	84	9500	250	240	0.193	0.40	0.17	263	307
3x120/16 rm	88	10600	250	240	0.153	0.39	0.18	298	352
3x150/25 rm	91	11800	250	260	0.124	0.37	0.20	332	397
3x185/25 rm	95	13300	250	260	0.0991	0.36	0.21	374	453
3x240/25 rm	101	15600	250	280	0.0754	0.34	0.23	431	529
3x300/25 rm	107	18250	250	300	0.0601	0.33	0.25	492	608
20.3/35 (42) kV									
3x35/16 rm	77	6500	250	220	0.524	0.47	0.11	154	172
3x50/16 rm	80	7200	250	220	0.387	0.45	0.12	181	205
3x70/16 rm	85	9050	250	240	0.268	0.42	0.14	220	253
3x95/16 rm	89	10250	250	260	0.193	0.40	0.15	263	307
3x120/16 rm	93	11400	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	96	12600	250	260	0.124	0.37	0.17	332	397
3x185/25 rm	100	14200	250	280	0.0991	0.36	0.19	374	453
3x240/25 rm	106	16500	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	112	19200	250	320	0.0601	0.33	0.23	492	608

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive crepe paper
6 Copper tape screen
7 PP filler
8 PVC separation sheath
9 Galvanized round steel wire
10 PVC outer sheath



SPECIFICATIONS

Code : N2XSEYRY
Standards : VDE 0273
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications. The armour in the structure make the cable necessary where there is mechanical stress risk.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant IEC 60332 -1-2


Mechanical Resistance

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

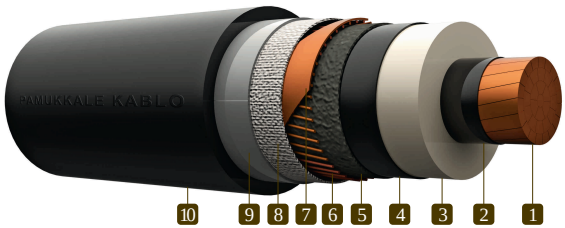
Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
6/10 kV									
3x35/16 rm	53	5000	500	210	0.524	0.37	0.22	154	172
3x50/16 rm	56	5650	500	220	0.387	0.35	0.24	181	205
3x70/16 rm	60	6750	500	220	0.268	0.33	0.28	220	253
3x95/16 rm	64	7850	500	240	0.193	0.32	0.31	263	307
3x120/16 rm	68	9000	500	240	0.153	0.31	0.34	298	352
3x150/25 rm	71	10100	500	260	0.124	0.30	0.36	332	397
3x185/25 rm	76	12450	250	220	0.0991	0.29	0.40	374	453
3x240/25 rm	83	14800	250	240	0.0754	0.28	0.45	431	529
3x300/25 rm	88	17450	250	240	0.0601	0.27	0.51	492	608

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)	
								Earth	Air
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A	A
8.7/15 (17.5) kV									
3x35/16 rm	58	5750	500	220	0.524	0.39	0.18	154	172
3x50/16 rm	61	6400	500	220	0.387	0.37	0.20	181	205
3x70/16 rm	66	7500	500	240	0.268	0.35	0.22	220	253
3x95/16 rm	69	8700	500	240	0.193	0.33	0.25	263	307
3x120/16 rm	74	9800	500	260	0.153	0.32	0.27	298	352
3x150/25 rm	78	11800	250	220	0.124	0.31	0.29	332	397
3x185/25 rm	82	13400	250	240	0.0991	0.30	0.32	374	453
3x240/25 rm	88	15800	250	240	0.0754	0.29	0.35	431	529
3x300/25 rm	94	18500	250	260	0.0601	0.29	0.40	608	608
12/20 (24) kV									
3x35/16 rm	63	6450	500	220	0.524	0.37	0.16	154	172
3x50/16 rm	66	7150	500	240	0.387	0.35	0.18	181	205
3x70/16 rm	71	8200	500	260	0.268	0.33	0.20	220	253
3x95/16 rm	76	10300	250	220	0.193	0.32	0.22	263	307
3x120/16 rm	80	11450	250	220	0.153	0.31	0.24	298	352
3x150/25 rm	83	12700	250	240	0.124	0.30	0.26	332	397
3x185/25 rm	86	14200	250	240	0.0991	0.29	0.28	374	453
3x240/25 rm	93	16700	250	260	0.0754	0.28	0.31	431	529
3x300/25 rm	99	19500	250	280	0.0601	0.27	0.34	608	608
18/30 (36) kV									
3x35/16 rm	77	9100	250	220	0.524	0.47	0.13	154	172
3x50/16 rm	80	9900	250	220	0.387	0.45	0.14	181	205
3x70/16 rm	84	11100	250	240	0.268	0.42	0.16	220	253
3x95/16 rm	88	12500	250	240	0.193	0.40	0.17	263	307
3x120/16rm	92	13700	250	260	0.153	0.39	0.18	298	352
3x150/25rm	95	15050	250	260	0.124	0.37	0.20	332	397
3x185/25rm	99	16700	250	280	0.0991	0.36	0.21	374	453
3x240/25rm	105	19250	250	300	0.0754	0.34	0.23	431	529
3x300/25 rm	111	22100	250	320	0.0601	0.33	0.25	608	608
20.3/35 (42) kV									
3x35/16 rm	82	9900	250	240	0.524	0.47	0.11	154	172
3x50/16 rm	84	10700	250	240	0.387	0.45	0.12	181	205
3x70/16 rm	89	11950	250	260	0.268	0.42	0.14	220	253
3x95/16 rm	93	13300	250	260	0.193	0.40	0.15	263	307
3x120/16 rm	96	14600	250	260	0.153	0.39	0.16	298	352
3x150/25 rm	99	15900	250	280	0.124	0.37	0.17	332	397
3x185/25 rm	104	17700	250	300	0.0991	0.36	0.19	374	453
3x240/25 rm	109	20150	250	300	0.0754	0.34	0.21	431	529
3x300/25 rm	115	23000	250	320	0.0601	0.33	0.23	608	608

CONSTRUCTION

1 Copper conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive water blocking tape
6 Concentric conductor
7 Copper tape
8 Water swelling tape
9 Copolimer aluminium tape
10 Polyethylene outer sheath



SPECIFICATIONS

Code : 2XS(FL)2Y
Standards : IEC 60840 Test Standards
Rated voltage : Uo/U=26/45 kV
Uo/U=38/66 kV
Uo/U=64/100 kV
Uo/U=89/154 kV

Application :
Used to transmit energy from power centres to national and international interconnection networks, at connection of cities to central distribution systems, also used in special premises where over head lines are not permitted such as city centres due to safety and environmental regulations. Additionally, this cable is completely waterproof.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)
								Earth
mm^2	mm	kg/km	m	cm	Ω / km (max.)	mH/km	MF/km	A
26/45 (52) kV								
1x300/35 rm	53	5300	500	210	0.0601	0.37	0.20	598
1x400/35 rm	62	6100	500	220	0.0470	0.35	0.22	673
1x500/50 rm	67	7200	500	240	0.0366	0.33	0.24	759
38/66 (76) kV								
1x630/135 rm	80	12200	250	240	0.0283	0.48	0.19	764
1x800/135 rm	83	14000	250	240	0.0221	0.46	0.21	896
1x1000/135 rm	88	16000	250	240	0.0176	0.43	0.24	931
64/110 (123) kV								
1x630/135 rm	89	13300	250	260	0.0283	0.59	0.18	821
1x800/135 rm	93	15100	250	260	0.0221	0.57	0.19	902
1x1000/135 rm	97	17200	250	280	0.0176	0.55	0.21	968
89/154 (175) kV								
1x630/135 rm	95	14200	250	260	0.0283	0.69	0.16	1080
1x800/135 rm	99	15900	250	280	0.0221	0.68	0.18	1220
1x1000/135 rm	103	18100	250	280	0.0176	0.66	0.19	1355

• Since construction of these cables are individually prepared on project basis,please contact with our company for further information.