توجـــــــه

برای فعال شدن امکانات کاتالوگ در سیستم عامل اندروید حتمـــا نـرم افـزار Adobe Acrobat را نصـب و کاتالـوگ را توسط آن ملاحظه نمائید.

متوجه شدم

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برای بازگشت به مرحله قبل روی این گزینه کلیک نمایید.

برای دسترسی به فهرست کاتالوگ در هر بخش روی این گزینه کلیک نمایید.

گروه صنایع

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برای شروع یکی را انتخاب کنید:

01 OPTIONS

درباره افق البرز

About Us

02 OPTIONS

نمایش محصولات

Products

03 OPTIONS

گواهینامه ها و مجوزها

Certificate

04 OPTIONS

تماس با دفتر مرکزی

central office

گروه صنایع افق البرز یک گروه صنعتي مستقل و متعلق به بخش خصوصي می باشد. این مجموعه در سال ۱۳۷۲ با هدف تامین تقاضای بازار سیم و کابل، با احداث کارخانه ای مجهز در زمینی به مساحت ۵۰،۰۰۰ متر مربع در شهرک صنعتی لیاء قزوین در زمینه تولید انواع کابل فشار ضعیف شروع به فعالیت نمود؛ و اکنون متخصص در تولید انواع سیم و کابل های مسی و آلومینیومی فشار ضعیف و فشار متوسط مورد استفاده در صنایع تولید و توزیع برق، ساختمان سازي، نفت گاز پتروشیمي، خودروسازي، حمل و نقل و غیره در کشور می باشد.

افق البرز در سال ۱۳۸۳ با نصب و راه اندازی ماشین آلات مدرن جهت تولید کابل های فشارمتوسط و فشار قوی به تکمیل سبد محصولات خود پرداخته و در سال ۱۳۸٦ ظرفیت تولید سالانه خود را به ۳۰،۰۰۰ تن افزایش داد.

این شرکت در سال ۱۳۸۹ با هدف تکمیل زنجیره ارزش خود به راه اندازی کارخانه تولید انواع مفتولهای مسی با ظرفیت بیش از ۱۰۰،۰۰۰ تن پرداخت.

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محصول موردنظر را انتخاب کنید:

01 سیم ها

02 کابل های نیمه افشان

03 کابل های افشان

04 کابل های تک و چند رشته

05 کابل های سکتور

06 کابل های کنترل

07 کابل های ابزار دقیق

08 کابل های تخت

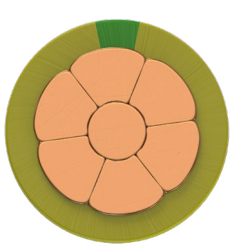
09 کابل های خودنگهدار

10 کابل فشار متوسط

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Flexible PVC Insulated Single-Core, None Sheathed 450/750 V

سیم های تک رشته نیمه افشان با ولتاژ ۴۵۰ / ۷۵۰



مشاهده جدول مشخصات

- According To: ISIRI (607) 01, BS 6004, IEC 227
- Conductor: Class 1, 2
- Insulation: Extruded PVC
- Colours: Grey, White, Black, Brown, Blue, Red, Green, Yellow
- Rated Voltage: 450/750 V
- Application: In Switching & Distribution Installation, In Conduits on & Under Plaster on Insulator over Plaster in Dry Rooms.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	kg/km	mm	Ω /km	Amp.
1	1x1.13	0.7	15	2.5	18.1	19
1.5	1x1.38	0.7	20	2.8	12.1	24
2.5	1x1.78	0.8	32	3.4	7.41	32
4	1x2.25	0.8	47	4.1	4.61	42
6	1x2.76	0.8	66	4.4	3.08	54
6	7x1.04	0.8	72	4.8	3.08	54
10	1x3.57	1	110	5.6	1.83	73
10	7x1.35	1	119	6.1	1.83	73
16	7x1.70	1	182	7.1	1.15	98
25	7x2.14	1.2	279	8.8	0.727	129
35	7x2.52	1.2	385	10	0.524	158
35	19x1.53	1.2	379	10.1	0.524	158
50	19x1.78	1.4	512	11.7	0.387	198
70	19x2.14	1.4	723	13.5	0.268	545
95	19x2.52	1.6	999	15.9	0.193	292
120	37x2.03	1.6	1235	17.4	0.153	344
150	37x2.27	1.8	1519	19.4	0.124	391
185	37x2.52	2	1905	21.7	0.0991	448
240	61x2.25	2.2	2478	24.7	0.0754	528
300	61x2.52	2.4	3101	27.5	0.0601	608
400	61x2.85	2.6	3857	30.9	0.0470	726

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Flexible PVC Insulated Single-Core, None Sheathed 450/750 V

سیم های تک رشته افشان با ولتاژ ۷۵۰ / ۴۵۰

مشاهده جدول مشخصات

- According To: ISIRI (607) 02, BS 6004, IEC 227
- Conductor: Class 5
- Insulation: Extruded PVC
- Colours: Grey, White, Black, Brown, Blue, Red, Green, Yellow
- Nominal Cross-Section: 1 Up to 240 mm^2
- Rated Voltage: 450/750 V
- Application: For Indoor Electrical Lighting Fittings.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	kg/km	mm	Ω /km	Amp.
1.5	30x0.25	0.7	19	3.1	13.3	24
2.5	50x0.25	0.8	33	3.8	7.98	32
4	56x0.3	0.8	48	4.4	4.95	42
6	84x0.3	0.8	68	4.9	3.30	54
10	79x0.4	1	114	6.3	1.91	73
16	127x0.4	1	173	7.2	1.21	98
25	199x0.4	1.2	272	9.3	0.780	129
35	278x0.4	1.2	365	10.7	0.554	158
60	398x0.4	1.4	523	12.6	0.386	198
70	357x0.5	1.4	714	14.6	0.272	245
95	484x0.5	1.6	959	16.5	0.206	292
120	612x0.5	1.6	1213	18.4	0.161	344
150	765x0.5	1.8	1523	20.1	0.129	391
185	943x0.5	2	1878	22.4	0.106	448
240	1224x0.5	2.2	2429	25.4	0.0801	528

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Light PVC Insulated PVC Sheathed Cable 450/750 V

کابل های سبک نیمه افشان با ولتاژ ۴۵۰ / ۷۵۰

مشاهده جدول مشخصات

- According To: ISIRI (607) 10, BS 6004, IEC 227
- Conductor: Class 1, 2
- Insulation: Extruded PVC
- Colours: According to core identification of related Standard or on Request
- Nominal Cross-Section: 1.5 to 10 mm^2 : Solid Conductor 1.5 to 35 mm : Stranded Conductor
- Cabling: Insulated Cores Cabled Together & Laid in PVC Filler
- Sheathed: Extruded Black PVC or other Colours on Request
- Rated Voltage: 450/750 V
- Application: Indoor & Outdoor Fixed Installations, in & under plaster in dry & damp rooms but not underground.

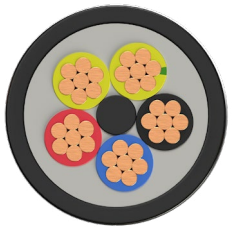
گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
2x1.5	1x1.38	0.7	0.4	1.2	118	7.8	12.1	20
2x2.5	1x1.78	0.8	0.4	1.2	162	10	7.41	27
2x4	1x2.25	0.8	0.4	1.2	205	10.9	4.61	36
2x6	1x2.76	0.8	0.4	1.2	269	11.9	3.08	47
2x6	7x1.04	0.8	0.4	1.2	295	12.8	3.08	47
2x10	1x3.57	1	0.6	1.4	440	15.2	1.83	65
2x10	7x1.35	1	0.6	1.4	487	16.3	1.83	65
2x16	7x1.70	1	0.6	1.4	671	18.5	1.15	86
2x25	7x2.14	1.2	0.8	1.4	1026	22.4	0.727	115
2x35	19x1.53	1.2	1	1.6	1357	25.5	0.524	143
3x1.5	1x1.38	0.7	0.4	1.2	135	9.2	12.1	20
3x2.5	1x1.78	0.8	0.4	1.2	188	10.5	7.41	27
3x4	1x2.25	0.8	0.4	1.2	242	11.5	4.61	36
3x6	1x2.76	0.8	0.4	1.2	366	13	3.08	47
3x6	7x1.04	0.8	0.4	1.2	366	13.9	3.08	47
3x10	1x3.57	1	0.6	1.4	532	16.4	1.83	65
3x10	7x1.35	1	0.6	1.4	587	17.2	1.83	65
3x16	7x1.70	1	0.6	1.4	852	19.9	1.15	86
3x25	7x2.14	1.2	0.8	1.4	1281	24.1	0.727	115
3x35	19x1.53	1.2	1	1.6	1664	27.4	0.524	143

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Light PVC Insulated PVC Sheathed Cable 450/750 V

کابل های سبک نیمه افشان با ولتاژ ۴۵۰ / ۷۵۰



مشاهده جدول مشخصات

- According To: ISIRI (607) 10, BS 6004, IEC 227
- Conductor: Class 1, 2
- Insulation: Extruded PVC
- Colours: According to core identification of related Standard or on Request
- Nominal Cross-Section: 1.5 to 10 mm^2 : Solid Conductor 1.5 to 35 mm : Stranded Conductor
- Cabling: Insulated Cores Cabled Together & Laid in PVC Filler
- Sheathed: Extruded Black PVC or other Colours on Request
- Rated Voltage: 450/750 V
- Application: Indoor & Outdoor Fixed Installations, in & under plaster in dry & damp rooms but not underground.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
4x1.5	1x1.38	0.7	0.4	1.2	160	9.5	12.1	20
4x2.5	1x1.78	0.8	0.4	1.2	229	11.4	7.41	27
4x4	1x2.25	0.8	0.4	1.2	309	12.8	4.61	36
4x6	1x2.76	0.8	0.4	1.2	435	14.5	3.08	47
4x6	7x1.04	0.8	0.4	1.2	469	15.6	3.08	47
4x10	1x3.57	1	0.6	1.4	665	17.5	1.83	65
4x10	7x1.35	1	0.6	1.4	736	18.8	1.83	65
4x16	7x1.70	1	0.6	1.4	1064	21.8	1.15	86
4x25	7x2.14	1.2	0.8	1.4	1023	26.8	0.727	115
4x35	19x1.53	1.2	1	1.6	2114	29.9	0.524	143
5x1.5	1x1.38	0.7	0.4	1.2	192	10.5	12.1	20
5x2.5	1x1.78	0.8	0.4	1.2	272	12.3	7.41	27
5x4	1x2.25	0.8	0.4	1.2	384	14.4	4.61	36
5x6	1x2.76	0.8	0.4	1.2	519	15.8	3.08	47
5x6	7x1.04	0.8	0.4	1.2	562	16.9	3.08	47
5x10	1x3.57	1	0.6	1.4	800	19	1.83	65
5x10	7x1.35	1	0.6	1.4	883	20.5	1.83	65
5x16	7x1.70	1	0.6	1.4	1307	24.3	1.15	86
5x25	7x2.14	1.2	0.8	1.4	1988	29.4	0.727	115
5x35	19x1.53	1.2	1	1.6	2600	33	0.524	143

Flexible PVC Insulated & PVC Sheathed Cable 300/500 V

کابل های افشان با ولتاژ ۵۰۰ / ۳۰۰

مشاهده جدول مشخصات

- According To: ISIRI (607) 53, BS 6500, IEC 227
- Conductor: Class 5
- Insulation: Extruded PVC
- Colours: 2 to 5 Conductors per Cable According to Core Identification of Related or on Request
- Cabling: Insulated Cores Cabled Together Except 2x0.75 flat Which are in Parallel Sheathed with PVC
- Sheathed: Extruded Black PVC or other Colour on Request
- Nominal Cross-Section: 0.75 to 95 mm
- Rated Voltage: 300/500 V
- Application: In dry rooms for light mechanical Stress (Light Handheld Equipment)

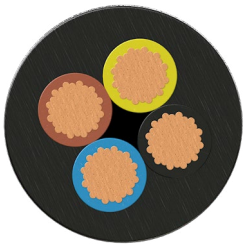
گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Size	Insulation Thickness	Sheath Thickness	Mean Overall Dia.	Total Weight	Max DC Resistance At 20 °C	Current Capacity At 20 °C	Short Circuit Current
mm^2	mm	mm	mm	(kg/km)	Ω /km	(A)	(KA)
2x0.75	0.6	0.80	6.30	58	26.00	12	0.102
2x1	0.6	0.80	6.50	65	19.50	15	0.133
2x1.5	0.7	0.80	7.30	85	13.30	19	0.195
2x2.5	0.8	1.00	9.10	130	7.98	26	0.316
3x0.75	0.6	0.80	6.70	68	26.00	12	0.102
3x1	0.6	0.80	6.90	75	19.50	15	0.133
3x1.5	0.7	0.90	8.00	105	13.30	19	0.195
3x2.5	0.8	1.10	9.90	164	7.98	26	0.316
4x0.75	0.6	0.80	7.30	80	26.00	12	0.102
4x1	0.6	0.90	7.80	96	19.50	15	0.133
4x1.5	0.7	10.00	8.90	130	13.30	19	0.195
4x2.5	0.8	10.10	10.80	198	7.98	26	0.316
5x1	0.6	0.90	8.50	118	19.50	15	0.133
5x1.5	0.7	1.10	9.90	165	13.30	19	0.195
5x2.5	0.8	1.20	12.00	248	7.98	26	0.316

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Flexible PVC Insulated & PVC Sheathed Cable 450/750 V

کابل های افشان با ولتاژ ۴۵۰ / ۷۵۰



مشاهده جدول مشخصات

- According To: ISIRI (607) 71c, IEC 227
- Conductor: Class 5
- Insulation: Extruded PVC
- Colours: 2 to 5 Conductors per Cable According to Core Identification of Related or on Request
- Cabling: Insulated Cores Cabled Together
- Sheathed: Extruded Black PVC or other Colour on Request
- Nominal Cross-Section: 1.5 to 25 mm
- Rated Voltage: 450/750 V
- Application: Lift Cables and Cables for Flexible Connections

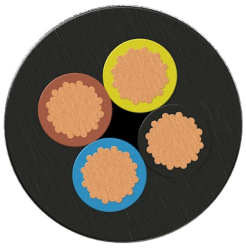
گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Size	Insulation Thickness	Sheath Thickness	Mean Overall Dia.	Total Weight	Max DC Resistance At 20 °C	Current Capacity At 20 °C	Short Circuit Current
mm^2	mm	mm	mm	(kg/km)	Ω /km	(A)	(KA)
2x4	0.8	1.00	10.30	180	4.95	42	0.495
2x6	0.8	1.30	12.00	250	3.30	54	0.732
2x10	1.0	1.30	15.20	425	1.91	73	1.204
2x16	1.0	1.60	18.47	640	1.21	98	1.908
3x4	0.8	1.00	10.96	220	4.95	42	0.495
3x6	0.8	1.30	12.75	310	3.30	54	0.732
3x10	1.0	1.30	16.21	475	1.91	73	1.204
3x16	1.0	1.60	19.69	800	1.21	98	1.908
4x4	0.8	1.30	12.64	290	4.95	42	0.495
4x6	0.8	1.30	13.97	380	3.30	54	0.732
4x10	1.0	1.60	18.45	680	1.91	73	1.204
5x4	0.8	1.30	13.81	350	4.95	42	0.495
5x6	0.8	1.30	15.29	460	3.30	54	0.732
5x10	1.0	1.60	20.21	820	1.91	73	1.204

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Flexible PVC Insulated & PVC Sheathed Cable 0.6/1 kv

کابل های افشان با ولتاژ ۱/ ۰٫۶



مشاهده جدول مشخصات

- According To: ISIRI 3569-1, IEC 60502-1
- Conductor: Class 5
- Insulation: Extruded PVC
- Colours: 2 to 5 Conductors per Cable According to Core Identification of Related or on Request
- Cabling: Insulated Cores Cabled Together
- Sheathed: Extruded Black PVC or other Colour on Request
- Nominal Cross-Section: 1.5 to 630 mm
- Rated Voltage: 0.6/1kv
- Application: Power Cables

Size	Insulation Thickness	Filler Thickness	Sheath Thickness	Mean Overall Dia.	Total Weight	Max DC Resistance At 20 °C	Current Capacity At 20 °C	Short Circuit Current
mm^2	mm	mm	mm	mm	(kg/km)	Ω/km	(A)	(KA)
3x25	1.20	1.00	1.80	25.74	1280	0.780	129	2.96
3x35	1.20	1.00	1.90	28.70	1670	0.554	158	4.125
3x50	1.40	1.10	2.00	33.29	2350	0.386	198	5.87
3x70	1.40	1.20	2.20	37.92	3100	0.272	245	8.192
3x95	1.60	1.30	2.40	43.85	4200	0.206	292	11.09
4x16	1.00		1.80	22.08	1030	1.210	98	1.908
4x25	1.20	1.00	1.80	28.06	1560	0.780	129	2.96
4x35	1.20	1.10	2.00	32.00	2070	0.554	158	4.125
4x50	1.40	1.20	2.20	37.20	2910	0.386	198	5.87
4x70	1.40	1.30	2.30	42.00	3900	0.272	245	8.192
4x95	1.60	1.40	2.50	48.65	5280	0.206	292	11.09
5x16	1.00		1.80	24.21	1250	1.210	98	1.908
5x25	1.20	1.20	2.00	31.35	1970	0.780	129	2.96
5x35	1.20	1.20	2.10	35.30	2570	0.554	158	4.125

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single & Multi Core PVC Insulated, PVC Sheathed Cable 0.6/1 kv

کابل های تک رشته تکلا و نیمه افشان گرد و کمپکت با ولتاژ ۰/۶/۱ kv

مشاهده جدول مشخصات

- According To: IEC 60502-1
- Conductor: Plain Annealed Copper Class 1, 2
- Insulation: Extruded PVC type PVC, A
- Sheathed: Extruded Black PVC (Or Requested Colour) PVC Type ST1
- Nominal Cross-Section: 1.5 up to 630 mm^2
- Rated Voltage: 0.6/1kv

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	kg/km	mm	Ω /km	Amp.
1x1.5	1x1.38	0.8	1.40	50	5.8	12.10	24
1x2.5	1x1.78	0.8	1.40	62	6.2	7.41	32
1x4	1x2.25	1.0	1.40	88	7.1	4.61	37
1x6	1x2.76	1.0	1.40	110	7.6	3.08	48
1x10	1x3.57	1.0	1.40	154	8.4	1.83	66
1x16	7x1.70	1.0	1.40	235	9.9	1.15	89
1x25	7x2.14	1.2	1.40	350	11.6	0.727	118
1x35	7x2.52	1.2	1.40	455	12.7	0.524	145
1x50	19x1.78	1.4	1.40	594	14.5	0.387	176
1x70	19x2.17	1.4	1.48	820	15.8	0.268	224
1x95	19x2.52	1.6	1.56	1116	18.9	0.193	271
1x120	37x2.03	1.6	1.60	1366	20.6	0.153	314
1x150	37x2.25	1.8	1.60	1663	22.5	0.124	361
1x185	37x2.52	2.0	1.70	2073	25.1	0.0991	412
1x240	61x2.25	2.2	1.80	2681	28.2	0.0754	484
1x300	61x2.52	2.4	1.90	3293	31.5	0.0601	549
1x400	61x2.85	2.6	2.0	4270	35.2	0.0470	657
1x500	61x3.20	2.8	2.1	5340	39.2	0.0366	749

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single & Multi Core PVC Insulated, PVC Sheathed Cable 0.6/1 kv

کابل های چند رشته تکلا و نیمه افشان گرد و کمپکت با ولتاژ ۰/۶/۱ kv

مشاهده جدول مشخصات

- According To: IEC 60502-1
- Conductor: Plain Annealed Copper Class 1, 2
- Insulation: Extruded PVC type PVC, A
- Sheathed: Extruded Black PVC (Or Requested Colour) PVC Type ST1
- Nominal Cross-Section: 1.5 up to 630 mm^2
- Rated Voltage: 0.6/1kv

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm²	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
2x1.5	1x1.38	0.8	1	1.8	188	11.5	12.10	20
2x2.5	1x1.78	0.8	1	1.8	227	12.3	7.41	27
2x4	1x2.25	1.0	1	1.8	300	14.0	4.61	36
2x6	1x2.76	1.0	1	1.8	376	15.0	3.08	47
2x10	1x3.57	1.0	1	1.8	502	16.5	1.83	65
2x16	7x1.70	1.0	1	1.8	744	19.5	1.15	87
2x25	7x2.14	1.2	1	1.8	1075	23.0	0.727	115
2x35	7x2.52	1.2	1	1.8	1370	25.5	0.524	143
2x50	19x1.78	1.4	1	1.8	1783	29.0	0.387	178
2x70	19x2.17	1.4	1	1.9	2400	32.8	0.268	220
2x95	19x2.52	1.6	1.2	2.2	3308	38.4	0.193	265
2x120	37x2.03	1.6	1.2	2.3	4008	41.5	0.153	310
2x150	37x2.25	1.8	1.4	2.4	4922	46.3	0.124	355
2x185	37x2.52	2.0	1.4	2.6	6096	51.3	0.0991	405
2x240	61x2.25	2.2	1.6	2.8	7886	58.0	0.0754	480
3x1.5	1x1.38	0.8	1	1.8	210	12.0	12.10	20
3x2.5	1x1.78	0.8	1	1.8	252	12.9	7.41	27
3x4	1x2.25	1.0	1	1.8	340	14.7	4.61	36
3x6	1x2.76	1.0	1	1.8	443	15.8	3.08	47
3x10	1x3.57	1.0	1	1.8	605	17.6	1.83	65
3x16	7x1.70	1.0	1	1.8	902	20.9	1.15	87
3x25	7x2.14	1.2	1	1.8	1335	24.6	0.727	115
3x35	7x2.52	1.2	1	1.8	1718	27.0	0.524	143
3x50	19x1.78	1.4	1	1.9	2244	31.0	0.387	178
3x70	19x2.17	1.4	1	2.0	3101	35.5	0.268	220
3x95	19x2.52	1.6	1.2	2.2	4201	40.9	0.193	265
3x120	37x2.03	1.6	1.2	2.3	5094	44.5	0.153	310
3x150	37x2.25	1.8	1.4	2.4	6259	49.0	0.124	355
3x185	37x2.52	2.0	1.4	2.6	7790	54.7	0.0991	405
3x240	61x2.25	2.2	1.6	2.8	10063	61.9	0.0754	480

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single & Multi Core PVC Insulated, PVC Sheathed Cable 0.6/1 kv

کابل های چند رشته تکلا و نیمه افشان گرد و کمپکت با ولتاژ ۰/۶/۱ kv

مشاهده جدول مشخصات

- According To: IEC 60502-1
- Conductor: Plain Annealed Copper Class 1, 2
- Insulation: Extruded PVC type PVC, A
- Sheathed: Extruded Black PVC (Or Requested Colour) PVC Type ST1
- Nominal Cross-Section: 1.5 up to 630 mm^2
- Rated Voltage: 0.6/1kv

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
4x1.5	1x1.38	0.8	1	1.8	230	12.4	12.10	20
4x2.5	1x1.78	0.8	1	1.8	304	13.8	7.41	27
4x4	1x2.25	1.0	1	1.8	406	15.5	4.61	36
4x6	1x2.76	1.0	1	1.8	510	16.6	3.08	47
4x10	1x3.57	1.0	1	1.8	710	18.5	1.83	65
4x16	7x1.70	1.0	1	1.8	1130	23.0	1.15	87
4x25	7x2.14	1.2	1	1.8	1690	27.5	0.727	115
4x35	7x2.52	1.2	1	1.8	2200	30.5	0.524	143
4x50	19x1.78	1.4	1.2	2	2980	35.6	0.387	178
4x70	19x2.17	1.4	1.2	2.1	4000	40.2	0.268	220
4x95	19x2.52	1.6	1.2	2.3	5500	46.8	0.193	265
4x120	37x2.03	1.6	1.4	2.6	6650	50.6	0.153	310
4x150	37x2.25	1.8	1.4	2.6	8250	56.5	0.124	355
4x185	37x2.52	2.0	1.6	2.8	10080	62.0	0.0991	405
5x1.5	1x1.38	0.8	1	1.8	260	13.2	12.10	20
5x2.5	1x1.78	0.8	1	1.8	350	14.8	7.41	27
5x4	1x2.25	1.0	1	1.8	470	16.6	4.61	36
5x6	1x2.76	1.0	1	1.8	610	18.0	3.08	47
5x10	1x3.57	1.0	1	1.8	900	21.0	1.83	65
5x16	7x1.70	1.0	1	1.8	1300	25.5	1.15	87
5x25	7x2.14	1.2	1	1.9	2050	30.2	0.727	115
5x35	7x2.52	1.2	1.2	2	2740	34.2	0.524	143
5x50	19x1.78	1.4	1.2	2.2	3600	39.0	0.387	178
5x70	19x2.17	1.4	1.4	2.4	4210	45.5	0.268	220
5x95	19x2.52	1.6	1.4	2.6	6660	51.5	0.193	265
5x120	37x2.03	1.6	1.6	2.8	8060	57.0	0.153	310
5x150	37x2.25	1.8	1.6	2.8	9770	62.0	0.124	355

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Multi-Core (3 1/2) PVC Insulated, PVC Sheathed Cable 0.6/1 kv

کابل های سکتور با ولتاژ ۰/۶/۱ kv

مشاهده جدول مشخصات

- According To: VDE 0271 Type NYY-O-J, IEC 60502-1
- Rated Voltage: 0.6/1kv

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	kg/km	mm	Ω /km	Amp.
3x25+16	7x2.14-7x1.70	1.2-1	2	1561	27.8	0.727+1.15	115
3x35+16	7x2.52-7x1.70	1.2-1	2	1951	30.4	0.524+1.15	143
3x50+25	19x1.78-7x2.14	1.4-1.2	2	2162	33.1	0.387+0.727	178
3x70+35	19x2.14-7x2.52	1.4-1.2	2.2	2956	37.7	0.268+0.524	220
3x95+50	19x2.52-19x1.78	1.6-1.4	2.2	3850	43.4	0.193+0.387	265
3x120+70	37x2.03-19x2.14	1.6-1.4	2.6	4833	47	0.153+0.268	310
3x150+70	37x2.25-19x2.14	1.8-1.4	2.6	5690	48	0.124+0.268	355
3x185+95	37x2.52-19x2.52	2-1.6	3	7200	52	0.0991+0.193	405
3x240+120	61x2.25-37x2.03	2.2-1.6	3	9300	53.3	0.0754+0.153	480

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated, Multi-Core, Screened & Sheathed Cable

کابل های تک رشته شیلد دار

مشاهده جدول مشخصات

- According To: VDE 0271 Type NYCY
- Conductor: Class 2
- Insulation: Extruded PVC in Accordance with VDE 207
- Colours: According to the Core Identification in VDE 0271
- Screen: Plain Anneald Copper Wires Applied Helically Over Cable Cores & Taped with Open Helics of Copper Band
- Sheathed: Extruded Black PVC in Accordance With VDE 207
- Nominal Cross-Section: As below Table
- Note: Armoured Cable Type NYCYRY, NYCYGBY Will be Produced According to Request.
- Rated Voltage: 0.6/1kv
- Application: Low Tension Power Cable for Indoor, Outdoor, Underground & Street lighting & in Places Where Mechanical Damages are not to be Expected.

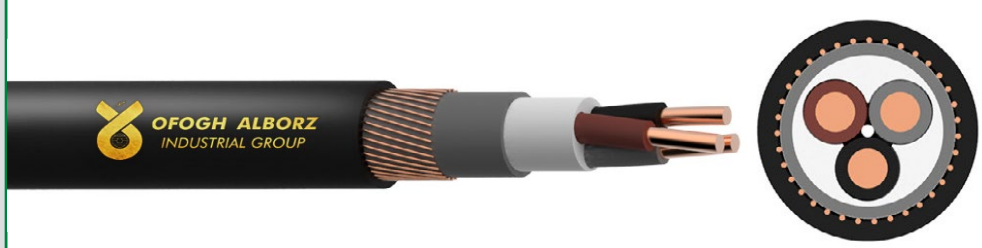
گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm²	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
1x1.5+ 1.5	1x1.38+ 21x0.3	0.8	-	1.8	88	7.2	12.1+ 12.1	20
1x2.5+ 2.5	1x1.78+ 12x0.52	0.8	-	1.8	115	8.8	7.41+ 7.41	27
1x4+4	1x2.25+ 19x0.52	1	-	1.8	152	8.9	4.61+ 4.61	36
1x6+6	1x2.76+ 12x0.81	1	-	1.8	198	10	3.08+ 3.08	47
1x10+10	1x3.57+ 19x0.81	1	-	1.8	280	10.8	1.83+ 1.83	65
1x16+16	7x1.7+ 16x1.13	1	-	1.8	422	13	1.15+ 1.15	87
1x25+25	7x2.14+ 25x1.13	1.2	-	1.8	628	14.7	0.727+ 0.727	115
1x35+35	7x2.52+ 35x1.13	1.2	-	1.8	835	15.8	0.524+ 0.524	143
1x1.5+ 1.5	1x1.38+ 21x0.3	0.8	0.8	1.8	205	11.8	12.1+ 12.1	20
1x2.5+ 2.5	1x1.78+ 12x0.52	0.8	0.8	1.8	266	13.4	7.41+ 7.41	27
1x4+4	1x2.25+ 19x0.52	1	0.8	1.8	349	14.7	4.61+ 4.61	36
1x6+6	1x2.76+ 12x0.81	1	0.8	1.8	438	16.4	3.08+ 3.08	47
1x10+10	1x3.57+ 19x0.81	1	0.8	1.8	595	18	1.83+ 1.83	65
1x16+16	7x1.7+ 16x1.13	1	0.8	1.8	891	21.7	1.15+ 1.15	87
1x25+25	7x2.14+ 25x1.13	1.2	1.2	1.8	1383	26.3	0.727+ 0.727	115
1x35+35	7x2.52+ 35x1.13	1.2	1.2	1.8	1777	28.6	0.524+ 0.524	143

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated, Multi-Core, Screened & Sheathed Cable

کابل های چند رشته شیلد دار



مشاهده جدول مشخصات

- According To: VDE 0271 Type NYCY
- Conductor: Class 2
- Insulation: Extruded PVC in Accordance with VDE 207
- Colours: According to the Core Identification in VDE 0271
- Screen: Plain Anneald Copper Wires Applied Helically Over Cable Cores & Taped with Open Helics of Copper Band
- Sheathed: Extruded Black PVC in Accordance With VDE 207
- Nominal Cross-Section: As below Table
- Note: Armoured Cable Type NYCYRY, NYCYGBY Will be Produced According to Request.
- Rated Voltage: 0.6/1kv
- Application: Low Tension Power Cable for Indoor, Outdoor, Underground & Street lighting & in Places Where Mechanical Damages are not to be Expected.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm²	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
3x1.5+1.5	1x1.38+21x0.3	0.8	0.8	1.8	225	12.2	12.1+12.1	20
3x2.5+2.5	1x1.78+12x0.52	0.8	0.8	1.8	295	13.9	7.41+7.41	27
3x4+4	1x2.25+19x0.52	1	0.8	1.8	391	15.4	4.61+4.61	36
3x6+6	1x2.76+12x0.81	1	0.8	1.8	497	17.1	3.08+3.08	47
3x10+10	1x3.57+19x0.81	1	0.8	1.8	690	18.8	1.83+1.83	65
3x16+16	7x1.7+16x1.13	1	0.8	1.8	1090	23.5	1.15+1.15	87
3x25+25	7x2.14+25x1.13	1.2	1.2	1.8	1621	27.6	0.727+0.727	115
3x35+35	7x2.52+35x1.13	1.2	1.2	1.9	2088	30	0.524+0.524	143
4x1.5+1.5	1x1.38+21x0.3	0.8	0.8	1.8	258	13	12.1+12.1	20
4x2.5+2.5	1x1.78+12x0.52	0.8	0.8	1.8	343	14.8	7.41+7.41	27
4x4+4	1x2.25+19x0.52	1	0.8	1.8	460	16.5	4.61+4.61	36
4x6+6	1x2.76+12x0.81	1	0.8	1.8	589	18.3	3.08+3.08	47
4x10+10	1x3.57+19x0.81	1	0.8	1.8	826	20.2	1.83+1.83	65
4x16+16	7x1.7+16x1.13	1	0.8	1.8	1306	25.4	1.15+1.15	87
4x25+25	7x2.14+25x1.13	1.2	1.2	1.9	1958	29.5	0.727+0.727	115
4x35+35	7x2.52+35x1.13	1.2	1.2	2	2595	32.9	0.524+0.524	143

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated Multi-Core PVC Sheathed Cable

کابل های کنترل تکلا

مشاهده جدول مشخصات

- According To: VDE 0271, IEC 60502 Type NYY-O & NYY-J
- Conductor: Class 1
- Rated Voltage: 0.6/1kv

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x1.5	1x1.38	0.8	0.8	1.8	331	14.1	12.1	20
8x1.5	1x1.38	0.8	0.8	1.8	353	14.1	12.1	20
10x1.5	1x1.38	0.8	0.8	1.8	440	17.1	12.1	20
12x1.5	1x1.38	0.8	0.8	1.8	497	17.6	12.1	20
14x1.5	1x1.38	0.8	0.8	1.8	551	18.3	12.1	20
16x1.5	1x1.38	0.8	0.8	1.8	611	19.2	12.1	20
19x1.5	1x1.38	0.8	0.8	1.8	690	20.1	12.1	20
21x1.5	1x1.38	0.8	0.8	1.8	732	20.1	12.1	20
24x1.5	1x1.38	0.8	1.2	1.8	922	24.3	12.1	20
30x1.5	1x1.38	0.8	1.2	1.8	1075	25.5	12.1	20
40x1.5	1x1.38	0.8	1.2	1.8	1324	27.4	12.1	20
52x1.5	1x1.38	0.8	1.5	2.0	1719	32.1	12.1	20
61x1.5	1x1.38	0.8	1.5	2.0	1950	32.8	12.1	20
7x2.5	1x1.78	0.8	0.8	1.8	454	15.9	7.41	27
8x2.5	1x1.78	0.8	0.8	1.8	488	15.9	7.41	27
10x2.5	1x1.78	0.8	0.8	1.8	619	19.5	7.41	27
12x2.5	1x1.78	0.8	0.8	1.8	695	20.1	7.41	27
14x2.5	1x1.78	0.8	1.2	1.8	826	21.8	7.41	27
16x2.5	1x1.78	0.8	1.2	1.8	902	22.8	7.41	27
19x2.5	1x1.78	0.8	1.2	1.8	1058	24.3	7.41	27
21x2.5	1x1.78	0.8	1.2	1.8	1124	24.3	7.41	27
24x2.5	1x1.78	0.8	1.2	1.8	1300	27.9	7.41	27
30x2.5	1x1.78	0.8	1.2	1.9	1531	29.3	7.41	27
40x2.5	1x1.78	0.8	1.5	2	1962	32.1	7.41	27
52x2.5	1x1.78	0.8	1.5	2.2	2511	37.5	7.41	27
61x2.5	1x1.78	0.8	1.5	2.2	2861	39.6	7.41	27

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated Multi-Core PVC Sheathed Cable

کابل های کنترل نیمه افشان

مشاهده جدول مشخصات

- According To: VDE 0271, IEC 60502 Type NYY-O & NYY-J
- Conductor: Class 2
- Rated Voltage: 0.6/1kv

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x1.5	7x0.53	0.8	0.8	1.8	351	14.8	12.1	20
8x1.5	7x0.53	0.8	0.8	1.8	374	14.8	12.1	20
10x1.5	7x0.53	0.8	0.8	1.8	425	18	12.1	20
12x1.5	7x0.53	0.8	0.8	1.8	527	18.6	12.1	20
14x1.5	7x0.53	0.8	0.8	1.8	588	19.3	12.1	20
16x1.5	7x0.53	0.8	0.8	1.8	650	19.3	12.1	20
19x1.5	7x0.53	0.8	0.8	1.8	782	21.6	12.1	20
21x1.5	7x0.53	0.8	0.8	1.8	828	21.7	12.1	20
24x1.5	7x0.53	0.8	1.2	1.8	980	25.6	12.1	20
30x1.5	7x0.53	0.8	1.2	1.8	1145	26.9	12.1	20
40x1.5	7x0.53	0.8	1.2	1.8	1417	28.7	12.1	20
52x1.5	7x0.53	0.8	1.5	2	1734	33.7	12.1	20
61x1.5	7x0.53	0.8	1.5	2.1	2114	36.1	12.1	20
7x2.5	7x0.67	0.8	0.8	1.8	495	16.6	7.41	27
8x2.5	7x0.67	0.8	0.8	1.8	532	16.6	7.41	27
10x2.5	7x0.67	0.8	0.8	1.8	605	19.6	7.41	27
12x2.5	7x0.67	0.8	1.2	1.8	807	21.8	7.41	27
14x2.5	7x0.67	0.8	1.2	1.8	901	22.8	7.41	27
16x2.5	7x0.67	0.8	1.2	1.8	1020	24.3	7.41	27
19x2.5	7x0.67	0.8	1.2	1.8	1155	25.4	7.41	27
21x2.5	7x0.67	0.8	1.2	1.8	1229	25.4	7.41	27
24x2.5	7x0.67	0.8	1.2	1.8	1422	29.3	7.41	27
30x2.5	7x0.67	0.8	1.2	1.8	1676	30.8	7.41	27
40x2.5	7x0.67	0.8	1.5	1.8	2149	33.7	7.41	27
52x2.5	7x0.67	0.8	1.5	2.2	2752	39.4	7.41	27
61x2.5	7x0.67	0.8	1.5	2.2	3139	41.7	7.41	27

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated Multi-Core PVC Sheathed Flexible Cable

کابل های کنترل افشان

مشاهده جدول مشخصات

- According To: VDE 0250
- Conductor: Class 5
- Rated Voltage: 300/500 V

گروه صنایع
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Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x1.5	30x0.25	0.6	0.8	1.8	310	13.6	13.3	20
8x1.5	30x0.25	0.6	0.8	1.8	329	13.6	13.3	20
10x1.5	30x0.25	0.6	0.8	1.8	369	16.1	13.3	20
12x1.5	30x0.25	0.6	0.8	1.8	463	16.8	13.3	20
14x1.5	30x0.25	0.6	0.8	1.8	515	17.5	13.3	20
16x1.5	30x0.25	0.6	0.8	1.8	568	18.3	13.3	20
19x1.5	30x0.25	0.6	0.8	1.8	642	19.1	13.3	20
21x1.5	30x0.25	0.6	0.8	1.8	682	19.1	13.3	20
24x1.5	30x0.25	0.6	1.2	1.8	838	22.7	13.3	20
30x1.5	30x0.25	0.6	1.2	1.8	1053	23.9	13.3	20
40x1.5	30x0.25	0.6	1.2	1.8	1288	25.5	13.3	20
52x1.5	30x0.25	0.6	1.2	1.9	1615	29.5	13.3	20
61x1.5	30x0.25	0.6	1.5	2	1853	33.1	13.3	20
7x2.5	50x0.25	0.7	1	1.8	435	15.5	7.98	27
8x2.5	50x0.25	0.7	1	1.8	447	15.5	7.98	27
10x2.5	50x0.25	0.7	1	1.8	531	18.4	7.98	27
12x2.5	50x0.25	0.7	1	1.8	665	19.5	7.98	27
14x2.5	50x0.25	0.7	1	1.8	791	21.2	7.98	27
16x2.5	50x0.25	0.7	1	1.8	876	22.2	7.98	27
19x2.5	50x0.25	0.7	1	1.8	993	23.2	7.98	27
21x2.5	50x0.25	0.7	1	1.8	1056	23.2	7.98	27
24x2.5	50x0.25	0.7	1.2	2	1247	27.1	7.98	27
30x2.5	50x0.25	0.7	1.2	2	1467	28.5	7.98	27
40x2.5	50x0.25	0.7	1.2	2	1850	30.5	7.98	27
52x2.5	50x0.25	0.7	1.4	2.2	2381	36.4	7.98	27
61x2.5	50x0.25	0.7	1.4	2.2	2683	38.4	7.98	27

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated Multi Cover PVC Sheathed Screened Cable

کابل های کنترل تک لا شیلد دار

مشاهده جدول مشخصات

- According To: VDE 0271 Type NYCY
- Conductor: Class 1
- Rated Voltage: 0.6/1kv

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x1.5+1.5	1x1.38+ 12x0.40	0.8	1	1.8	382	15.6	12.1+12.1	20
8x1.5+1.5	1x1.38+ 12x0.40	0.8	1	1.8	405	15.6	12.1+12.1	20
10x1.5+2.5	1x1.38+ 12x0.52	0.8	1	1.8	444	19.1	12.1+7.41	20
12x1.5+2.5	1x1.38+ 12x0.52	0.8	1	1.8	570	19.6	12.1+7.41	20
14x1.5+2.5	1x1.38+ 12x0.52	0.8	1	1.8	631	20.3	12.1+7.41	20
16x1.5+4	1x1.38+ 19x0.52	0.8	1	1.8	706	20.8	12.1+4.61	20
19x1.5+4	1x1.38+ 19x0.52	0.8	1	1.8	838	22.5	12.1+4.61	20
21x1.5+6	1x1.38+ 12x0.81	0.8	1	1.8	1010	23.1	12.1+3.08	20
24x1.5+6	1x1.38+ 12x0.81	0.8	1	1.8	1061	27.1	12.1+3.08	20
30x1.5+6	1x1.38+ 12x0.81	0.8	1	1.8	1226	28.5	12.1+3.08	20
40x1.5+10	1x1.38+ 19x0.81	0.8	1	1.8	1528	30.3	12.1+1.83	20
52x1.5+10	1x1.38+ 19x0.81	0.8	1.4	1.9	1881	35.7	12.1+1.83	20
61x1.5+10	1x1.38+ 19x0.81	0.8	1.4	2	2231	37.7	12.1+1.83	20

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x2.5+2.5	1x1.78+ 12x0.52	0.8	1	1.8	497	17	7.41+7.41	27
8x2.5+2.5	1x1.78+ 12x0.52	0.8	1	1.8	531	17	7.41+7.41	27
10x2.5+4	1x1.78+ 19x0.52	0.8	1	1.8	676	20.5	7.41+4.61	27
12x2.5+4	1x1.78+ 19x0.52	0.8	1.2	1.8	750	21.1	7.41+4.61	27
14x2.5+4	1x1.78+ 19x0.52	0.8	1.2	1.8	883	22.8	7.41+4.61	27
16x2.5+6	1x1.78+ 12x0.81	0.8	1.2	1.8	992	24.3	7.41+3.08	27
19x2.5+6	1x1.78+ 12x0.81	0.8	1.2	1.8	1150	25.3	7.41+3.08	27
21x2.5+6	1x1.78+ 12x0.81	0.8	1.2	1.8	1181	25.3	7.41+3.08	27
24x2.5+10	1x1.78+ 19x0.81	0.8	1.2	2	1415	29.5	7.41+1.81	27
30x2.5+10	1x1.78+ 19x0.81	0.8	1.2	2	1645	31	7.41+1.81	27
40x2.5+10	1x1.78+ 19x0.81	0.8	1.5	2	2077	33.7	7.41+1.81	27
52x2.5+10	1x1.78+ 19x0.81	0.8	1.5	2.2	2627	39.1	7.41+1.81	27
61x2.5+10	1x1.78+ 19x0.81	0.8	1.5	2.2	2978	41.2	7.41+1.81	27

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated Multi-Core PVC Sheathed Screened Cable

کابل کنترل نیمه افشان شیلدار

مشاهده جدول مشخصات

- According To: VDE 0271 Type NYCY
- Conductor: Class 2
- Rated Voltage: 0.6/1kv

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω /km	Amp.
7x1.5+1.5	7x0.53+ 12x0.40	0.8	1	1.8	382	15.6	12.1+12.1	20
8x1.5+1.5	7x0.53+ 12x0.40	0.8	1	1.8	405	15.6	12.1+12.1	20
10x1.5+2.5	7x0.53+ 12x0.52	0.8	1	1.8	444	19.1	12.1+7.41	20
12x1.5+2.5	7x0.53+ 12x0.52	0.8	1	1.8	570	19.6	12.1+7.41	20
14x1.5+2.5	7x0.53+ 12x0.52	0.8	1	1.8	631	20.3	12.1+7.41	20
16x1.5+4	7x0.53+ 19x0.52	0.8	1	1.8	706	20.8	12.1+4.61	20
19x1.5+4	7x0.53+ 19x0.52	0.8	1	1.8	838	22.5	12.1+4.61	20
21x1.5+6	7x0.53+ 12x0.81	0.8	1	1.8	1010	23.1	12.1+3.08	20
24x1.5+6	7x0.53+ 12x0.81	0.8	1	1.8	1061	27.1	12.1+3.08	20
30x1.5+6	7x0.53+ 12x0.81	0.8	1	1.8	1226	28.5	12.1+3.08	20
40x1.5+10	7x0.53+ 19x0.81	0.8	1	1.8	1528	30.3	12.1+1.83	20
52x1.5+10	7x0.53+ 19x0.81	0.8	1.4	2	1881	35.7	12.1+1.83	20
61x1.5+10	7x0.53+ 19x0.81	0.8	1.4	2.2	2231	37.7	12.1+1.83	20

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Filler Thickness	Overall Sheath Thickness	Weight Approx.	Mean Overall Dia.	Max Resistance at 20 °C	Current Capacity at 25 °C
mm^2	mm	mm	mm	mm	kg/km	mm	Ω/km	Amp.
7x2.5+2.5	7x0.67+ 12x0.52	0.8	1	1.8	527	17.6	7.41+7.41	27
8x2.5+2.5	7x0.67+ 12x0.52	0.8	1	1.8	575	17.6	7.41+7.41	27
10x2.5+4	7x0.67+ 19x0.52	0.8	1	1.8	704	21.4	7.41+4.61	27
12x2.5+4	7x0.67+ 19x0.52	0.8	1.2	1.8	863	22.8	7.41+4.61	27
14x2.5+4	7x0.67+ 19x0.52	0.8	1.2	1.8	979	24.2	7.41+4.61	27
16x2.5+6	7x0.67+ 12x0.81	0.8	1.2	1.8	1102	25.9	7.41+3.08	27
19x2.5+6	7x0.67+ 12x0.81	0.8	1.2	1.8	1227	27	7.41+3.08	27
21x2.5+6	7x0.67+ 12x0.81	0.8	1.2	1.8	1312	27	7.41+3.08	27
24x2.5+10	7x0.67+ 19x0.81	0.8	1.2	1.8	1537	30.2	7.41+1.83	27
30x2.5+10	7x0.67+ 19x0.81	0.8	1.2	1.8	1791	32.4	7.41+1.83	27
40x2.5+10	7x0.67+ 19x0.81	0.8	1.5	2.2	2297	35.7	7.41+1.83	27
52x2.5+10	7x0.67+ 19x0.81	0.8	1.5	2.2	2869	41	7.41+1.83	27
61x2.5+10	7x0.67+ 19x0.81	0.8	1.5	2.2	3255	43.3	7.41+1.83	27

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Instrument Cable PVC Insulated Twisted Pair PVC Sheathed

کابل ابزار دقیق نیمه افشان و افشان شیلدار

مشاهده جدول مشخصات

- According To: BS 5308
- Conductor: Class 2, 5
- Insulation: Extruded PVC Type TI1
- Colours: According to the Pair Identification in BS 5308
- Screen: A Laminated Screen Tape (Alu. foil) individual & overall
- Sheathed: Extruded PVC Type Tm1
- Nominal Cross-Section: 0.5, 0.75, 1.5 mm^2
- Rated Voltage: 300/500 V

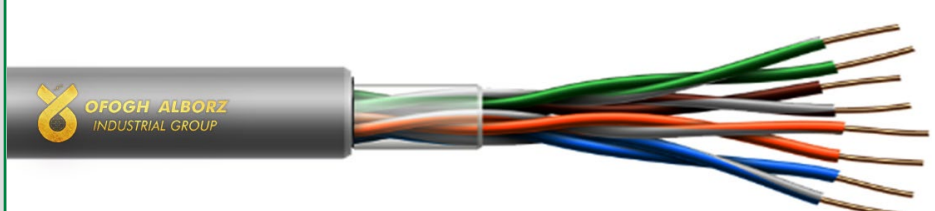
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Overall Sheath Thickness	Weight Approx.	Min Overall Dia.	Max Overall Dia.	Max Resistance at 20 °C	Max Capaci-tance Paris at 1KHz
mm²	mm	mm	mm	kg/km	mm	mm	Ω /km	pF/m
1x2x0.5	16x0.2	0.6	0.8	47	6.4	6.6	39.7	250
2x2x0.5	16x0.2	0.6	0.8	94	9.7	10	39.7	250
3x2x0.5	16x0.2	0.6	0.8	126	10.3	10.6	39.7	250
5x2x0.5	16x0.2	0.6	1.1	205	13.2	13.5	39.7	250
6x2x0.5	16x0.2	0.6	1.1	236	14.4	14.7	39.7	250
7x2x0.5	16x0.2	0.6	1.2	270	14.6	15	39.7	250
10x2x0.5	16x0.2	0.6	1.2	374	18.5	18.8	39.7	250
15x2x0.5	16x0.2	0.6	1.3	525	20.7	21.2	39.7	250
20x2x0.5	16x0.2	0.6	1.3	665	21	21.5	39.7	250
25x2x0.5	16x0.2	0.6	1.4	841	27.4	28	39.7	250
30x2x0.5	16x0.2	0.6	1.5	1010	29.4	30	39.7	250
40x2x0.5	16x0.2	0.6	1.6	1320	32.5	33.5	39.7	250
50x2x0.5	16x0.2	0.6	1.7	1670	40	41.5	39.7	250
1x2x0.75	24x0.2	0.6	0.8	54	6.6	6.8	26.5	250
2x2x0.75	24x0.2	0.6	0.8	109	10.3	10.5	26.5	250
3x2x0.75	24x0.2	0.6	0.8	144	10.9	11.2	26.5	250
5x2x0.75	24x0.2	0.6	1.2	243	14	14.3	26.5	250
6x2x0.75	24x0.2	0.6	1.2	283	15.3	15.6	26.5	250
7x2x0.75	24x0.2	0.6	1.3	324	15.6	15.9	26.5	250
10x2x0.75	24x0.2	0.6	1.3	510	19.8	20.2	26.5	250
15x2x0.75	24x0.2	0.6	1.5	620	21.5	22	26.5	250
20x2x0.75	24x0.2	0.6	1.5	808	22.2	22.8	26.5	250
25x2x0.75	24x0.2	0.6	1.6	1030	28.9	29.6	26.5	250
30x2x0.75	24x0.2	0.6	1.7	1235	31	32	26.5	250
40x2x0.75	24x0.2	0.6	1.8	1630	37.2	38.2	26.5	250
50x2x0.75	24x0.2	0.6	2	2020	40.4	42	26.5	250

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

PVC Insulated, Twisted Pair, Individual Pair Screen PVC Sheathed

کابل ابزار دقیق تک لا شیلدار



مشاهده جدول مشخصات

- According To: BS 5308
- Conductor: Class 1
- Rated Voltage: 300/500 V

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

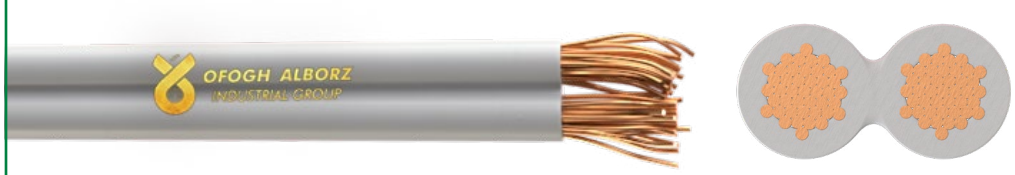
Nominal Cross Section	Number & Diameter Strands	Insulation Thickness	Overall Sheath Thickness	Weight Approx.	Min Overall Dia.	Max Overall Dia.	Max Resistance at 20 °C	Max Capaci-tance Paris at 1KHz
mm²	mm	mm	mm	kg/km	mm	mm	Ω /km	pF/m
1x2x1	1x1.13	0.6	0.8	61	7.1	7.3	18.4	250
2x2x1	1x1.13	0.6	0.8	125	11.3	11.5	18.4	250
3x2x1	1x1.13	0.6	0.9	170	11.9	12.2	18.4	250
5x2x1	1x1.13	0.6	1.2	275	14.6	14.9	18.4	250
6x2x1	1x1.13	0.6	1.2	324	16	16.4	18.4	250
7x2x1	1x1.13	0.6	1.3	370	16.3	16.7	18.4	250
10x2x1	1x1.13	0.6	1.3	510	21	21.5	18.4	250
15x2x1	1x1.13	0.6	1.5	720	23	23.6	18.4	250
20x2x1	1x1.13	0.6	1.5	920	24	24.6	18.4	250
25x2x1	1x1.13	0.6	1.6	1180	31	31.8	18.4	250
30x2x1	1x1.13	0.6	1.7	1395	33	33.8	18.4	250
40x2x1	1x1.13	0.6	1.8	1830	40	41	18.4	250
50x2x1	1x1.13	0.6	2	2340	45	46.5	18.4	250
1x2x1.5	7x0.53	0.6	0.8	78	7.8	8	12.3	250
2x2x1.5	7x0.53	0.6	0.9	162	12.5	12.8	12.3	250
3x2x1.5	7x0.53	0.6	0.9	220	13.3	13.5	12.3	250
5x2x1.5	7x0.53	0.6	1.2	361	16.8	17.1	12.3	250
6x2x1.5	7x0.53	0.6	1.2	421	18.2	18.5	12.3	250
7x2x1.5	7x0.53	0.6	1.3	486	18.5	18.9	12.3	250
10x2x1.5	7x0.53	0.6	1.3	672	24	24.5	12.3	250
15x2x1.5	7x0.53	0.6	1.5	970	26.4	27	12.3	250
20x2x1.5	7x0.53	0.6	1.5	1235	27	27.6	12.3	250
25x2x1.5	7x0.53	0.6	1.6	1514	35	35.8	12.3	250
30x2x1.5	7x0.53	0.6	1.7	1840	35.5	36.3	12.3	250
40x2x1.5	7x0.53	0.6	1.8	2460	46	47	12.3	250
50x2x1.5	7x0.53	0.6	2	3080	52	53.5	12.3	250

- According To: BS 5308
- Conductor: Class 2
- Rated Voltage: 300/500 V

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Flat-Twin & Flat-Three Core Cable, PVC Insulated, Sheathed

کابل های تخت



مشاهده جدول مشخصات

- According To: BS 6004
- Conductor: Class 1, 2
- Insulation: Extruded PVC
- Sheathed: Extruded PVC in Accordance BS 7655
- Nominal Cross-Section: 1.5 up to 16 mm^2
- Rated Voltage: 300/500 V
- Application: For Indoor Fixed Installations in Dry Location, Laid over Walls, Surface Clipped or Embedded in Plaster, or over Support Brackets in Domestic, Commercial & Industrial Applications.

Nominal Cross Section	Number of Wire in Conductor	Insulation Thickness	Number of Wire in earth	Nominal Sheath Thickness	Approx Overall Dia.	Weight Approx.	Max Resistance at 20 °C Cond/earth		Current Capacity
mm^2	No.	mm	mm	mm	mm	kg/km	Ω /km		Apm
2x1.5	1	0.7		0.9	7.8x5.2	60	11.9		17
2x2.5	1	0.8		1.0	9.2x0.6	92	7.14		23
2x4	7	0.8		1.0	11.4x7.2	140	4.52		30
2x6	7	0.8		1.1	12.7x8.0	192	3.02		38
2x10	7	1		1.2	15.6x9.4	310	1.79		53
2x16	7	1		1.3	18x10.8	450	1.13		70
3x1.5	1	0.7		0.9	10.4x5.2	90	11.9		17
3x2.5	1	0.8		1.0	12.6x6.2	135	7.14		23
3x4	7	0.8		1.1	15.6x7.4	215	4.52		30
3x6	7	0.8		1.1	17.5x8.0	285	3.02		38
3x10	7	1		1.2	22.0x9.8	460	1.79		53
3x16	7	1		1.3	25.4x11	670	1.13		70
2x1.5+1	1	0.7	1	0.9	8.9x5.2	75	11.9	17.7	14
2x2.5+1	1	0.8	1	1.0	10.2x6.0	108	7.14	17.7	20
2x4+1.5	7	0.8	1	1.0	12.6x7.2	165	4.52	11.9	26
2x6+2.5	7	0.8	1	1.0	14.4x8.0	230	3.02	7.14	33
2x10+4	7	1	7	1.2	18.2x9.6	370	1.79	4.52	44
2x16+6	7	1	7	1.3	21.4x11	535	1.13	3.02	59
3x1.5+1	1	0.7	1	0.9	11.8x5.4	105	11.9	17.7	14
3x2.5+1	1	0.8	1	1.0	13.8x6.2	151	7.14	17.7	20
3x4+1.5	7	0.8	1	1.1	17.2x7.4	244	4.52	11.9	26
3x6+2.5	7	0.8	1	1.1	19.4x8.0	322	3.02	7.14	33
3x10+4	7	1	7	1.2	24.8x9.8	520	1.79	4.52	44
3x16+6	7	1	7	1.3	28.6x10	756	1.13	3.02	59

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC MV Cable (Over Hand) 10 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار سه رشته آلومینیومی با عایق
10kv XLPE

مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor
- **Conductor Screen, Insulation and Insulation Screen:** Semiconductive conductor screen, EXLPE insulation & Semiconductive Insulation screen are triple extruded
- **Sheath:** PE extruded sheath
- **Messenger:** Steel circular stranded, functions as electrical earth
- **Laying up:** Sheathed conductors are laid up together around messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
3 x Phase + Messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
AS/NZS 3599.1, IEC 60502-2, ASTM B 498, ASTM D 1248

Rated Voltage:
U0/ U(Um) = 6/10 (12) kv

Temperature Range:
Highest Permissible conductor Temperature:
in emergency operation: 105 °C
in continuous operation: 90 °C
in a short circuit (duration up to 15 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... sheathed
Messenger ... Bare galvanizied stranded

Marking:
Cable code, Manufacturer name , year of Manufacture

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

Cable Size	3x35+43	3x70+60	3x120+60	3x150+60
Phase Core				
Nominal cross section of phase conductor	35	70	120	150
Number & diameter of wire (nxmm)	7x2/58	19x2/20	37x2/1	37x2/32
Nominal diameter of conductor (mm)	6.9	10	13.2	14.8
Nominal thickness of Insulation (mm)	3.4	3.4	3.4	3.4
Nominal thickness of Sheath (mm)	1.8	1.8	1.9	1.9
Overall diameter (mm)	22.5	25.5	29	30.5
Approximate weight (kg/km)	527	675	935	1057
Messenger core				
Nominal cross section of messenger	43	60	60	60
Messenger code	Lynx core	.....	.....	Canary core
Number & diameter of wire (nxmm)	7x2/79	19x2/00	19x2/00	19x2/00
Approximate diameter (mm)	8.37	10	10	10
Approximate weight (kg/km)	339	475	475	475
Electrical Data				
Maximum DC resistance of messenger	4.44	3.18	3.18	3.18
Completed Cable				
Approximate overall diameter (mm)	54	62	69	73
Approximate weight of Cable (kg/km)	1935	2520	3308	3677
Electrical Data				
Phase conductor				
Maximum DC resistance of phase conductor (Ω /km)	0/868	0/443	0/253	0/206
Max short circuit current in 1 s (KA)	3/4	6/7	11/3	14/0
Permissible current rating of phase (in ambient temperature= 30 °C) (A)	170	260	360	410
Permissible current rating of phase (in ambient temperature= 40 °C) (A)	150	230	320	365
Inductance (mH/Km)	0.461	0.435	0.399	0.385
Reactance (Ω /km)	0.166	0.148	0.135	0.133
Capacitance	0.220	0.280	0.340	0.360

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC MV Cable (Over Hand) 20 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار سه رشته آلومینیومی با عایق
20kv XLPE

مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor
- **Conductor Screen, Insulation and Insulation Screen:** Semiconductive conductor screen, EXLPE insulation & Semiconductive Insulation screen are triple extruded
- **Sheath:** PE extruded sheath
- **Messenger:** Steel circular stranded, functions as electrical earth
- **Laying up:** Sheathed conductors are laid up together around messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
3 x Phase + Messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
AS/NZS 3599.1, IEC 60502-2, ASTM B 498, ASTM D 1248

Rated Voltage:
U0/ U(Um) = 12/20 (24) kv

Temperature Range:
Highest Permissible conductor Temperature:
in emergency operation: 105 °C
in continuous operation: 90 °C
in a short circuit (duration up to 15 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... sheathed
Messenger ... Bare galvanizied stranded

Marking:
Cable code, Manufacturer name , year of Manufacture

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Cable Size	3x35+43	3x70+60	3x120+60	3x150+60
Phase Core				
Nominal cross section of phase conductor	35	70	120	150
Number & diameter of wire (nxmm)	7x2/58	19x2/20	37x2/1	37x2/32
Nominal diameter of conductor (mm)	6.9	10	13.2	14.8
Nominal thickness of Insulation (mm)	5/5	5/5	5/5	5/5
Nominal thickness of Sheath (mm)	1.8	1.9	2	1.2.20
Overall diameter (mm)	26	30	33	35
Approximate weight (kg/km)	665	835	1065	1257
Messenger core				
Nominal cross section of messenger	43	60	60	60
Messenger code	Lynx core	.....	.....	.....
Number & diameter of wire (nxmm)	7x2/79	19x2/00	19x2/00	19x2/00
Approximate diameter (mm)	8.37	10	10	10
Approximate weight (kg/km)	339	475	475	475
Electrical Data				
Maximum DC resistance of messenger	4.44	3.18	3.18	3.18
Completed Cable				
Approximate overall diameter (mm)	65	72	77	83
Approximate weight of Cable (kg/km)	2354	3005	3702	4285
Electrical Data				
Phase conductor				
Maximum DC resistance of phase conductor (Ω /km)	0/868	0/443	0/253	0/206
Max short circuit current in 1 s (KA)	3/4	6/7	11/3	14/0
Permissible current rating of phase (in ambient temperature= 30 °C) (A)	170	260	360	410
Permissible current rating of phase (in ambient temperature= 40 °C) (A)	150	230	320	365
Inductance (mH/Km)	0.461	0.435	0.399	0.385
Reactance (Ω /km)	0.166	0.148	0.135	0.133
Capacitance	0.175	0.207	0.255	0.267

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC MV Cable (Over Hand) 30 kv

Medium Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار سه رشته آلومینیومی با عایق
30kv XLPE

مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor
- **Messenger:** Steel circular stranded, functions as electrical earth
- **Laying up:** insulated conductors are laid up together around messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
3 x Phase + Messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
AS/NZS 3599.1, IEC 60502-2, ASTM B 498, ASTM D 1248

Rated Voltage:
U0/ U(Um) = 18/30 (36) kv

Temperature Range:
Highest Permissible conductor Temperature:
in emergency operation: 105 °C
in continuous operation: 90 °C
in a short circuit (duration up to 15 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... sheathed
Messenger ... Bare galvanizied stranded

Marking:
Cable code, Manufacturer name , year of Manufacture

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

Cable Size	3x35+43	3x70+60	3x120+60	3x150+87
Phase Core				
Nominal cross section of phase conductor	35	70	120	150
Number & diameter of wire (nxmm)	7x2/58	19x2/20	37x2/1	37x2/32
Nominal diameter of conductor (mm)	6.9	10	13.2	14.8
Nominal thickness of Insulation (mm)	8	8	8	8
Nominal thickness of Sheath (mm)	2	2	2.1	2.2
Overall diameter (mm)	33	35	38	40
Approximate weight (kg/km)	866	1070	1322	1540
Messenger core				
Nominal cross section of messenger	43	60	60	87
Messenger code	Lynx core	.....	.....	Martin Core
Number & diameter of wire (nxmm)	7x2/79	19x2/00	19x2/00	19x2/41
Approximate diameter (mm)	8.37	10	10	12.05
Approximate weight (kg/km)	339	475	475	689
Electrical Data				
Maximum DC resistance of messenger	4.44	3.18	3.18	2.20
Completed Cable				
Approximate overall diameter (mm)	78	81	84	94
Approximate weight of Cable (kg/km)	3009	3701	4460	5332
Electrical Data				
Phase conductor				
Maximum DC resistance of phase conductor (Ω /km)	0/868	0/443	0/253	0/206
Max short circuit current in 1 s (KA)	3/4	6/7	11/3	14
Permissible current rating of phase (in ambient temperature= 30 °C) (A)	170	260	360	410
Permissible current rating of phase (in ambient temperature= 40 °C) (A)	150	230	320	365
Inductance (mH/Km)	0.461	0.435	0.399	0.385
Reactance (Ω /km)	0.166	0.148	0.135	0.131
Capacitance	0.135	0.159	0.188	0.201

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار دو رشته با عایق 0.6/1kv XLPE

مشاهده جدول مشخصات

Construction:

- **Cable code:** 2 x phase
- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2)
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** insulated conductors are laid up together

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

2 core single (1) phase

Identification Key:
2 x Phase

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 longitudinal ridges

Marking:
Cable code, Manufacturer name , year of Manufacture

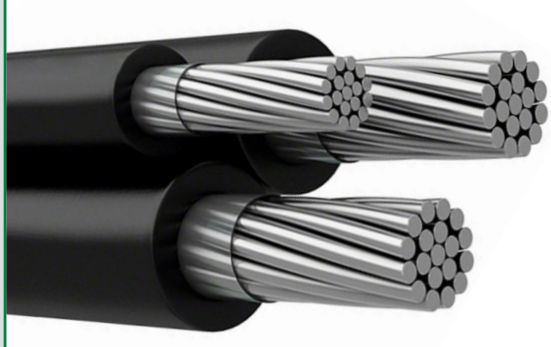
Cable Size	2x25	2x16
Physical Data		
Phase Core		
Nominal cross section of phase conductor (mm^2)	25	16
Number & diameter of wire (nxmm)	7x2.20	7x1.72
Min diameter of conductor (mm)	5.8	4.6
Min Average Insulation thickness (mm)	1.4	1.2
Min diameter of Insulated conductor (mm)	8.6	7
Approximate weight of phase conductor (kg/km)	67	42
Approximate weight of Insulated phase (kg/km)	100	65
Completed Cable		
Approximate overall diameter (mm)	18	15
Approximate weight of Cable (kg/km)	203	131
Electrical Data		
Maximum DC resistance of phase conductor (Ω /km)	1.2	1.91
Voltage drop index in cosϕ = 0.8 (V/A/km)	2.54	3.98
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation) in air (max 30 °C)	122	93
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation) on wall	111	83
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation) in conduit or under protective sheath	95	72

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار سه رشته با عایق 0.6/1kv XLPE



مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2) for phase and lightning
- **Null & messenger:** Circular, Stranded Aluminium alloy Conductor (class 2)
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** All insulated conductors are laid up together around Null & Messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

3 core single (1) phase

Identification Key:
1 x Phase + lightning + null & messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 longitudinal ridges
Neutral Conductor ... no ridges
Null messenger ... several longitudinal ridges

Marking:
Cable code, Manufacturer name , year of Manufacture

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

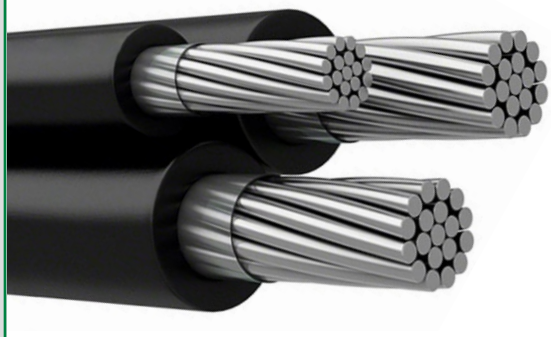
Cable Size	1x35+16+50	1x25+16+35	1x16+16+35
Physical Data			
Phase Core			
Nominal cross section of phase conductor (mm^2)	35	25	16
Number & diameter of wire (nxmm)	7x2.60	7x2.20	7x1.72
Min diameter of conductor (mm)	6.8	5.8	4.6
Min Average Insulation thickness (mm)	1.6	1.4	1.2
Min diameter of Insulated conductor (mm)	10	8.6	7
Approximate weight of phase conductor (kg/km)	93	67	42
Approximate weight of Insulated phase (kg/km)	136	100	65
Lightning Core			
Nominal cross section of Lightning conductor (mm^2)	16	16	16
Number & diameter of wire (nxmm)	7x1.72	7x1.72	7x1.72
Min diameter of conductor (mm)	4.6	4.6	4.6
Min Average Insulation thickness (mm)	1.2	1.2	1.2
Min diameter of Insulated conductor (mm)	7	7	7
Approximate weight of Lightning conductor (kg/km)	42	42	42
Approximate weight of Insulated Lightning (kg/km)	65	65	65
Null & Messenger Core			
Nominal cross section of Null & Messenger conductor (mm^2)	50	35	35
Nominal cross section of Null & Messenger conductor (mm^2)	7x3.15	7x2.54	7x2.54
Min diameter of Null & Messenger conductor (mm)	9.2	7.5	7.5
Min Average Insulation thickness (mm)	1.6	1.6	1.6
Min diameter of insulated Null & Messenger (mm)	12.4	10.7	10.7
Approximate weight of Null & Messenger conductor (kg/km)	149	97	97
Approximate weight of insulated Null & Messenger (kg/km)	201	143	143
Completed Cable			
Approximate overall diameter (mm)	23	20	18
Approximate weight of Cable (kg/km)	408	314	278
Electrical Data			
Max DC resistance of phase conductor (Ω /km)	0.868	1.2	1.91
Max DC resistance of Lightning conductor (Ω /km)	1.91	1.91	1.91
Max DC resistance of Null & Messenger (Ω /km)	0.63	0.95	0.95

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار سه رشته با عایق 0.6/1kv XLPE



مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2) for phase and Null
- **Messenger:** Steel Circular Stranded
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** All insulated conductors are laid up together around Messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
1 x Phase + null - messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 or 3 longitudinal ridges
Neutral Conductor ... no ridges
Messenger ... several longitudinal ridges

Marking:
Cable code, Manufacturer name , year of Manufacture

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Cable Size	1x25+25-16	1x16+16-16
Physical Data		
Phase Core		
Nominal cross section of phase conductor (mm^2)	25	16
Number & diameter of wire (nxmm)	7x2.20	7x1.72
Min diameter of conductor (mm)	5.8	4.6
Min Average Insulation thickness (mm)	1.4	1.2
Min diameter of Insulated conductor (mm)	8.6	7
Approximate weight of phase conductor (kg/km)	67	42
Approximate weight of Insulated phase (kg/km)	100	65
Null Core		
Nominal cross section of null conductor (mm^2)	25	16
Number & diameter of wire (nxmm)	7x2.20	7x1.72
Min diameter of conductor (mm)	5.8	4.6
Min Average Insulation thickness (mm)	1.4	1.2
Min diameter of Insulated conductor (mm)	8.6	7
Approximate weight of null conductor (kg/km)	67	42
Approximate weight of Insulated null (kg/km)	100	65
Messenger Core		
Nominal cross section of Messenger conductor (mm^2)	16	16
Number & diameter of wire (nxmm)	7x1.57	7x1.57
Min diameter of conductor (mm)	4.61	4.61
Min Average Insulation thickness (mm)	1.2	1.2
Min diameter of insulated conductor (mm)	7.5	7.5
Approximate weight of Messenger conductor (kg/km)	107	107
Approximate weight of insulated Messenger (kg/km)	127	127
Completed Cable		
Approximate weight of Cable (kg/km)	329	262
Electrical Data		
Max DC resistance of phase conductor (Ω/km)	1.20	1.91
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	122	93
Voltage drop index in $\cos\phi = 0.8$ (V/A/km)	2.54	3.98

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار چهار رشته با عایق 0.6/1kv XLPE

مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2) for phase and Lightning
- **Messenger:** Steel Circular Stranded
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** All insulated conductors are laid up together around Messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
1 x Phase + null + Lightning - messenger

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables. *According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 or 3 longitudinal ridges
Neutral Conductor ... no ridges
Null messenger ... several longitudinal ridges

Marking:
Cable code, Manufacturer name , year of Manufacture

Cable Size	1x35+35+16-25	1x25+25+16-16
Physical Data		
Phase Core		
Nominal cross section of phase conductor (mm^2)	35	25
Number & diameter of wire (nxmm)	7x2.6	7x2.20
Min diameter of conductor (mm)	6.8	5.8
Min Average Insulation thickness (mm)	1.6	1.4
Min diameter of Insulated conductor (mm)	10	8.6
Approximate weight of phase conductor (kg/km)	93	67
Approximate weight of Insulated phase (kg/km)	136	100
Null Core		
Nominal cross section of null conductor (mm^2)	35	25
Number & diameter of wire (nxmm)	7x2.6	7x2.20
Min diameter of conductor (mm)	6.8	5.8
Min Average Insulation thickness (mm)	1.6	1.4
Min diameter of Insulated conductor (mm)	10	8.6
Approximate weight of null conductor (kg/km)	93	67
Approximate weight of Insulated null (kg/km)	136	100
Lightning Core		
Nominal cross section of Lightning conductor (mm^2)	16	16
Number & diameter of wire (nxmm)	7x1.72	7x1.72
Min diameter of conductor (mm)	4.6	4.6
Min Average Insulation thickness (mm)	1.2	1.2
Min diameter of Insulated conductor (mm)	7	7
Approximate weight of Lightning conductor (kg/km)	42	42
Approximate weight of Insulated Lightning (kg/km)	65	65
Messenger Core		
Nominal cross section of Messenger conductor (mm^2)	25	16
Number & diameter of wire (nxmm)	7x1.93	7x1.57
Min diameter of conductor (mm)	5.7	4.61
Min Average Insulation thickness (mm)	1.2	1.2
Min diameter of insulated conductor (mm)	8.8	7.5
Approximate weight of Messenger conductor (kg/km)	160	107
Approximate weight of insulated Messenger (kg/km)	187	127
Completed Cable		
Approximate weight of Cable (kg/km)	469	397
Electrical Data		
Max DC resistance of phase conductor (Ω /km)	0.868	1.2
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	138	122
Max DC resistance of lightning conductor (Ω /km)	1.91	1.91
Max permissible current of lightning conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	93	93
Max DC resistance of Null conductor (Ω /km)	0.868	1.2
Voltage drop index in $\cos\phi = 0.8$ (V/A/km)	1.65	2.54

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار پنج رشته با عایق 0.6/1kv XLPE

مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2) for phase and Lightning
- **Null & messenger:** Circular, Stranded Aluminium alloy conductor (class2)
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** All insulated conductors are laid up together around Null & messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

5 core 3 phase

Identification Key:
3 x Phase + Lightning + (null & messenger)
Adding second lightning core or eleminating any lightning core, according to customer request, is permitted.

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables.
*According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 or 3 longitudinal ridges
Neutral Conductor ... no ridges
Null messenger ... several longitudinal ridges

Marking:
Cable size, Manufacturer name , year of Manufacture

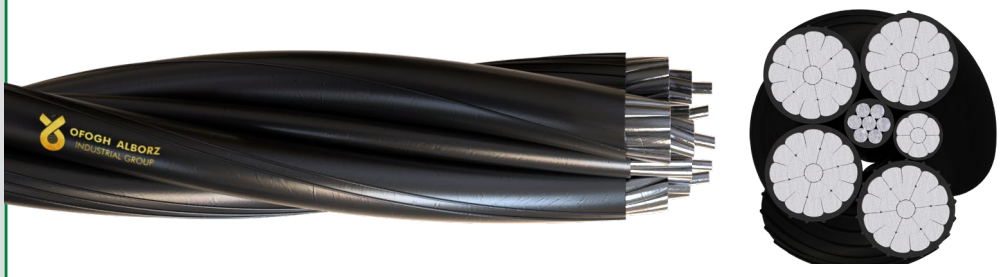
Cable Size	3x120+ 25+70	3x95+ 25+70	3x70+ 16+70	3x50+ 16+50	3x35+ 16+50
Physical Data					
Phase Core					
Nominal cross section of phase conductor (mm^2)	120	95	70	50	35
Number & diameter of wire (nxmm)	9x2.83	19x2.60	19x2.20	7x3.0	7x2.60
Min diameter of conductor (mm)	12	11	9.7	7.9	6.8
Min Average Insulation thickness (mm)	1.8	1.8	1.8	1.6	1.6
Min diameter of Insulated conductor (mm)	15.6	14.6	13.3	11.1	10
Approximate weight of phase conductor (kg/km)	316	251	182	126	93
Approximate weight of Insulated phase (kg/km)	398	328	248	175	136
Lightning Core					
Nominal cross section of Lightning conductor (mm^2)	25	25	16	16	16
Number & diameter of wire (nxmm)	7x2.20	7x2.20	7x1.72	7x1.72	7x1.72
Min diameter of conductor (mm)	5.8	5.8	4.6	4.6	4.6
Min Average Insulation thickness (mm)	1.4	1.4	1.2	1.2	1.2
Min diameter of Insulated conductor (mm)	8.6	8.6	7	7	7
Approximate weight of Lightning conductor (kg/km)	67	67	42	42	42
Approximate weight of Insulated Lightning (kg/km)	100	100	65	65	65
Null & Messenger Core					
Nominal cross section of Null & Messenger conductor (mm^2)	70	70	70	50	50
Nominal cross section of Null & Messenger conductor (mm^2)	7x3.61	7x3.61	7x3.61	7x3.15	7x3.15
Min diameter of Null & Messenger conducto (mm)	10.7	10.7	10.7	9.2	9.2
Min Average Insulation thickness (mm)	1.6	1.6	1.6	1.6	1.6
Min diameter of insulated Null & Messenger (mm)	13.9	13.9	13.9	12.4	12.4
Approximate weight of Null & Messenger conductor (kg/km)	196	196	196	149	149
Approximate weight of insulated Null & Messenger (kg/km)	258	258	258	201	201
Completed Cable					
Approximate overall diameter(kg/km)	46	44	41	36	33
Approximate weight of Cable (kg/km)	1575	1362	1083	803	684
Electrical Data					
Max DC resistance of phase conductor (Ω/km)	0.253	0.32	0.443	0.641	0.868
Max DC resistance of Lightning conductor (Ω/km)	1.2	1.2	1.91	1.91	1.91
Max DC resistance of Null & Messenger (Ω/km)	0.5	0.5	0.5	0.63	0.63
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	300	258	213	168	138
Max permissible current of lightning conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	111	111	83	83	83
Voltage drop index in $\cos\phi = 0.8$ (V/A/km)	0.55	0.67	0.87	1.27	1.65

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

ABC LV Cable XLPE 0.6/1 kv

Low Voltage Aerial Bundled Cable (ABC)

کابل های خودنگهدار شش رشته با عایق 0.6/1kv XLPE



مشاهده جدول مشخصات

Construction:

- **Conductor:** Circular, Stranded and compacted Aluminium Conductor (class 2) for phase, Lightning and Null
- **Messenger:** Circular, Steel, Stranded
- **Insulation:** Black anti UV and weather resistant XLPE compound
- **Laying up:** All insulated conductors are laid up together around Null & messenger

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Identification Key:
3 x Phase + Null + Lightning - messenger
Adding second lightning core or eleminating any lightning core, according to customer request, is permitted.

Product Standard:
Iran Power Industry Standards for Covered & Insulated Electrical Overhead Distribution Lines- low Voltage Aerial Bundled Cables.
*According to another national Standards by Customer request, also is Produced.

Design Standards:
HD 626 S1, NF C 33-209: 1996, AS/NZS 3560-1, EN 50397-1, IEC 60502-1, BS 7870-5

Rated Voltage:
0.6/1 (1.2) kv

Temperature Range:
Highest Permissible conductor Temperature:
in continuous operation: 90 °C
in a short circuit (duration up to 5 s): 250 °C

Application:
for aerial reticulation to residential and rural areas where reliability, safety and low installation costs are required. Reduction of bushfire Hazards and frequent tree lopping in uncleared areas. Incorporates UV stabilisation for continuous exposure to sunlight.

Identification of cores:
Phase conductors ... 1, 2 or 3 longitudinal ridges
Neutral Conductor ... no ridges
Null messenger ... several longitudinal ridges

Marking:
Cable code, Manufacturer name , year of Manufacture

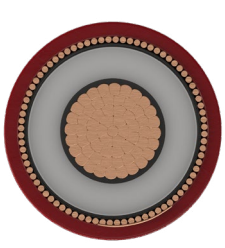
Cable Size	3x120+ 120+35 -25	3x120+ 120+25 -25	3x95+ 95+35 -25	3x95+ 95+25 -25	3x70+ 70+35 -25	3x70+ 70+25 -25	3x50+ 50+25 -25	3x50+ 50+16 -25	3x35+ 35+25 -25	3x35+ 35+16 -25
Physical Data										
Phase Core										
Nominal cross section of phase conductor (mm^2)	120	120	95	95	70	70	50	50	35	35
Number & diameter of wire (nxmm)	19x2.83	19x2.83	19x2.60	19x2.60	19x2.20	19x2.20	7x3	7x3	7x2.6	7x2.6
Min diameter of conductor (mm)	12	12	11	11	9.7	9.7	7.9	7.9	6.8	6.8
Min Average Insulation thickness (mm)	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6
Min diameter of Insulated conductor (mm)	15.6	15.6	14.6	14.6	13.3	13.3	11.1	11.1	10	10
Approximate weight of phase conductor (kg/km)	316	316	251	251	182	182	126	126	93	93
Approximate weight of Insulated phase (kg/km)	398	398	328	328	248	248	175	175	136	136
Null Core										
Nominal cross section of null conductor (mm^2)	120	120	95	95	70	70	50	50	35	35
Number & diameter of wire (nxmm)	19x2.83	19x2.83	19x2.60	19x2.60	19x2.20	19x2.20	7x3	7x3	7x2.6	7x2.6
Min diameter of conductor (mm)	12	12	11	11	9.7	9.7	7.9	7.9	6.8	6.8
Min Average Insulation thickness (mm)	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6
Min diameter of Insulated conductor (mm)	15.6	15.6	14.6	14.6	13.3	13.3	11.1	11.1	10	10
Approximate weight of null conductor (kg/km)	316	316	251	251	182	182	126	126	93	93
Approximate weight of Insulated null (kg/km)	398	398	328	328	248	248	175	175	136	136
Lightning Core										
Nominal cross section of Lightning conductor (mm^2)	35	25	35	25	35	25	25	16	25	16
Number & diameter of wire (nxmm)	7x2.6	7x2.20	7x2.6	7x2.20	7x2.6	7x2.20	7x2.20	7x1.72	7x2.20	7x1.72
Min diameter of conductor (mm)	6.8	5.8	6.8	5.8	6.8	5.8	5.8	4.6	5.8	4.6
Min Average Insulation thickness (mm)	1.6	1.4	1.6	1.4	1.6	1.4	1.4	1.2	1.4	1.2
Min diameter of Insulated conductor (mm)	10	8.6	10	8.6	10	8.6	8.6	7	8.6	7
Approximate weight of Lightning conductor (kg/km)	93	67	93	67	93	67	67	42	67	42
Approximate weight of Insulated Lightning (kg/km)	136	100	136	100	136	100	100	65	100	65
Messenger Core										
Nominal cross section of Messenger conductor (mm^2)	25	25	25	25	25	25	25	25	25	25
Number & diameter of wire (nxmm)	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93	7x1.93
Min diameter of conductor (mm)	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Min Average Insulation thickness (mm)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Min diameter of insulated conductor (mm)	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Approximate weight of Messenger conductor (kg/km)	160	160	160	160	160	160	160	160	160	160
Approximate weight of insulated Messenger (kg/km)	187	187	187	187	187	187	187	187	187	187
Completed Cable										
Approximate weight of Cable (kg/km)	1824	1793	1525	1495	1196	1165	937	906	763	732
Electrical Data										
Max DC resistance of phase conductor (Ω /km)	0.253	0.253	0.32	0.32	0.443	0.443	0.641	0.641	0.868	0.868
Max permissible current of phase conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	300	300	258	258	216	216	168	168	138	138
Max DC resistance of lightning conductor (Ω /km)	0.868	1.2	0.868	1.2	0.868	1.2	1.2	1.91	1.2	1.91
Max permissible current of lightning conductor in continous operation in air (A), (based on environment temperature 30 °C, wind velocity 0.6 m/s and max sun radiation)	122	122	122	122	122	122	122	122	122	122
Max DC resistance of Null conductor (Ω /km)	0.253	0.253	0.32	0.32	0.443	0.443	0.641	0.641	0.868	0.868
Voltage drop index in $\cos\phi = 0.8$ (V/A/km)	0.55	0.55	0.67	0.67	0.87	0.87	1.27	1.27	1.65	1.65

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 3.6/6 (7/2) kv

With Stranded Copper or Aluminume
XLPE Insulation, Copper Wire Screened, Unarmoured,
PVC Sheathed

کابل های تک رشته ای 6kv مسی و آلومینیومی



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSY

Application: Outdoor and Indoor Installation, in Ground and Duct, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
1x35RM/16	2.5	1.6	21.0	750
1x50RM/16	2.5	1.6	22.0	890
1x70RM/16	2.5	1.6	24.0	1110
1x95RM/16	2.5	1.7	25.0	1370
1x120RM/16	2.5	1.8	27.0	1630
1x150RM/25	2.5	1.8	29.0	2010
1x185RM/25	2.5	1.9	31.0	2400
1x240RM/25	2.6	2.0	34.0	3000
1x300RM/25	2.8	2.0	37.0	3630
1x400RM/35	3.0	2.2	41.0	4570
1x500RM/35	3.2	2.3	45.0	5700
Aluminium				
1x35RM/16	2.5	1.6	21.0	540
1x50RM/16	2.5	1.6	22.0	600
1x70RM/16	2.5	1.6	24.0	680
1x95RM/16	2.5	1.7	25.0	790
1x120RM/16	2.5	1.8	27.0	900
1x150RM/25	2.5	1.8	29.0	1100
1x185RM/25	2.5	1.9	31.0	1260
1x240RM/25	2.6	1.9	34.0	1500
1x300RM/25	2.8	2.0	37.0	1750
1x400RM/35	3.0	2.2	41.0	2210
1x500RM/35	3.2	2.3	45.0	2600

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 3.6/6 (7/2) kv Armoured

With Stranded Copper or Aluminium XLPE Insulation, Copper Wire Screened, Unarmoured or Aluminium Wire armoured, PVC Sheathed

کابل های تک رشته ای ۶kv مسی و آلومینیومی تیپ آرمور

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding
7. Armour (Aluminium Tape or Aluminium Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSYBY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

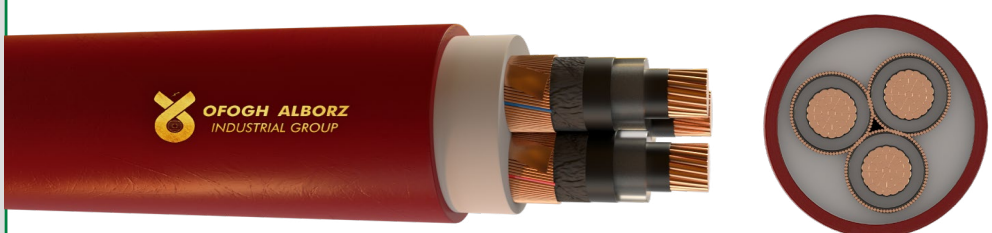
Nominal Cross Section	Insulation Thickness	Aluminium Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
1x35RM/16	2.5	0.5	1.8	25	1000
1x50RM/16	2.5	0.5	1.8	26	1060
1x70RM/16	2.5	0.5	1.9	28	1470
1x95RM/16	2.5	0.5	1.9	30	1700
1x120RM/16	2.5	0.5	2.0	32	2000
1x150RM/25	2.5	0.5	2.0	33	2380
1x185RM/25	2.5	0.5	2.1	35	2800
1x240RM/25	2.6	0.5	2.2	38	3430
1x300RM/25	2.8	0.5	2.3	41	4130
1x400RM/35	3.0	0.5	2.4	45	5100
1x500RM/35	3.2	0.5	2.6	50	6300
Aluminium					
1x35RM/16	2.5	0.5	1.8	25	790
1x50RM/16	2.5	0.5	1.8	26	860
1x70RM/16	2.5	0.5	1.9	28	980
1x95RM/16	2.5	0.5	1.9	30	1100
1x120RM/16	2.5	0.5	2.0	32	1260
1x150RM/25	2.5	0.5	2.0	33	1450
1x185RM/25	2.5	0.5	2.1	35	1650
1x240RM/25	2.6	0.5	2.2	38	1910
1x300RM/25	2.8	0.5	2.3	41	2250
1x400RM/35	3.0	0.5	2.4	45	2740
1x500RM/35	3.2	0.5	2.6	50	3270

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three - Core Cables, 3.6/6 (7/2) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screen, Unarmoured & PVC Sheathed

کابل های سه رشته ای 6kv مسی و آلومینیومی



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Filler (PVC Compound)
7. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

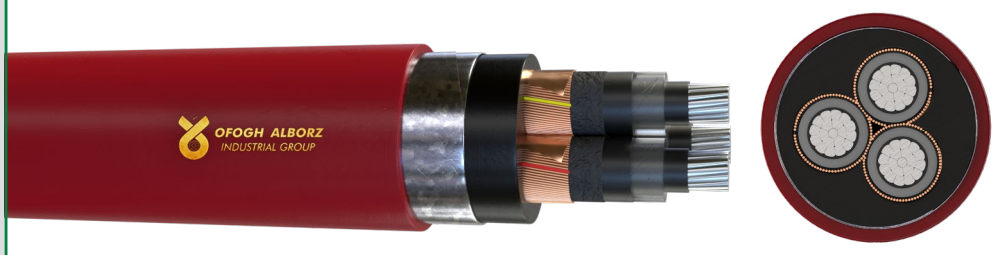
Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
3x35RM/16	2.5	2.3	44.0	2350
3x50RM/16	2.5	2.4	47.0	2800
3x70RM/16	2.5	2.5	50.0	3480
3x95RM/16	2.5	2.7	54.0	4400
3x120RM/16	2.5	2.8	58.0	5150
3x150RM/25	2.5	2.9	61.0	6050
3x185RM/25	2.5	3.0	66.0	7250
3x240RM/25	2.5	3.1	71.0	9050
3x300RM/25	2.5	3.3	76.0	10800
Aluminium				
3x35RM/16	2.5	2.3	44.0	1800
3x50RM/16	2.5	2.4	47.0	2050
3x70RM/16	2.5	2.5	50.0	2350
3x95RM/16	2.5	2.7	54.0	2820
3x120RM/16	2.5	2.8	58.0	3150
3x150RM/25	2.5	2.9	61.0	3600
3x185RM/25	2.5	3.0	66.0	4200
3x240RM/25	2.5	3.1	71.0	5000
3x300RM/25	2.5	3.3	76.0	5750

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three - Core Cables, 3.6/6 (7/2) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screened, Steel Tape armoured & PVC Sheathed

کابل های سه رشته ای 6kv مسی و آلومینیومی آرمور نوار گالوانیزه



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Bedding (PVC Compound)
5. Armour (Gal. Steel Tape)
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYBY

Application: Outdoor and Indoor Installation, in Ground and Duct, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

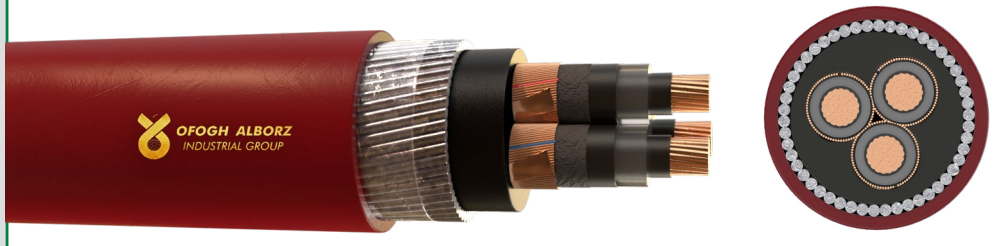
Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	2.5	0.5	2.4	46.0	3850
3x50RM/16	2.5	0.5	2.5	49.0	4470
3x70RM/16	2.5	0.5	2.6	53.0	5400
3x95RM/16	2.5	0.5	2.7	57.0	6570
3x120RM/16	2.5	0.5	2.8	60.0	7730
3x150RM/25	2.5	0.5	2.9	64.0	8800
3x185RM/25	2.5	0.5	3.1	68.0	10350
3x240RM/25	2.5	0.5	3.2	74.0	12600
3x300RM/25	2.5	0.5	3.4	80.0	15700
Aluminium					
3x35RM/16	2.5	0.5	2.4	46.0	3260
3x50RM/16	2.5	0.5	2.5	49.0	3660
3x70RM/16	2.5	0.5	2.6	53.0	4250
3x95RM/16	2.5	0.5	2.7	57.0	5030
3x120RM/16	2.5	0.5	2.8	60.0	5700
3x150RM/25	2.5	0.5	2.9	64.0	6250
3x185RM/25	2.5	0.5	3.1	68.0	7120
3x240RM/25	2.5	0.5	3.2	74.0	8350
3x300RM/25	2.5	0.5	3.4	80.0	10570

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three - Core Cables, 3.6/6 (7/2) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screen, Steel Wire armoured & PVC Sheathed

کابل های سه رشته ای 6kv مسی و آلومینیومی وایر آرمور



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC Compound)
7. Armour (Gal. Steel Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	2.5	2.5	2.6	51.0	4250
3x50RM/16	2.5	2.5	2.7	54.0	4820
3x70RM/16	2.5	2.5	2.8	57.0	5650
3x95RM/16	2.5	2.5	2.9	61.0	6720
3x120RM/16	2.5	2.5	3.0	64.0	7750
3x150RM/25	2.5	2.5	3.1	67.3	8700
3x185RM/25	2.5	3.15	3.3	73.0	10050
3x240RM/25	2.5	3.15	3.5	77.6	12800
3x300RM/25	2.5	3.15	3.6	83.0	14800
Aluminium					
3x35RM/16	2.5	2.5	2.6	50.3	3460
3x50RM/16	2.5	2.5	2.7	53.3	3810
3x70RM/16	2.5	2.5	2.8	56.3	4320
3x95RM/16	2.5	2.5	2.9	61.1	4960
3x120RM/16	2.5	2.5	3.0	64.2	5640
3x150RM/25	2.5	2.5	3.1	67.3	6090
3x185RM/25	2.5	3.15	3.3	72.4	6870
3x240RM/25	2.5	3.15	3.5	77.6	8530
3x300RM/25	2.5	3.15	3.6	82.5	9650

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 6/10 (12) kv

With Stranded Copper or Aluminium Coductor, XLPE Insulation, Copper Wires Screen, Unarmoured PVC Sheathed

کابل های تک رشته ای 10kv مسی و آلومینیومی

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
1x35RM/16	3.4	1.6	22.9	940
1x50RM/16	3.4	1.7	24.1	1090
1x70RM/16	3.4	1.7	25.7	1320
1x95RM/16	3.4	1.8	27.4	1600
1x120RM/16	3.4	1.8	29.0	1870
1x150RM/25	3.4	1.9	31.1	2140
1x185RM/25	3.4	1.9	32.8	2610
1x240RM/25	3.4	2.0	35.4	3190
1x300RM/25	3.4	2.1	37.7	3810
1x400RM/35	3.4	2.2	41.0	4700
1x500RM/35	3.4	2.3	45.1	5690
Aluminium				
1x35RM/16	3.4	1.6	22.9	720
1x50RM/16	3.4	1.7	24.1	790
1x70RM/16	3.4	1.7	25.7	890
1x95RM/16	3.4	1.8	27.4	1020
1x120RM/16	3.4	1.8	29.0	1130
1x150RM/25	3.4	1.9	31.1	1230
1x185RM/25	3.4	1.9	32.8	1470
1x240RM/25	3.4	2.0	35.4	1680
1x300RM/25	3.4	2.1	37.7	1930
1x400RM/35	3.4	2.3	41.0	2260
1x500RM/35	3.4	2.4	45.1	2660

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 6/10 kv Armoured

With Stranded Copper or Aluminium XLPE Insulation, Copper Wire Screened, Aluminium Tape armoured or Aluminium Wire armoured & PVC Sheathed

کابل های تک رشته ای 10kv مسی و آلومینیومی آرمودار

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding
7. Armour (Aluminium Tape or Aluminium Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSYBY, N(A)2XSYRY

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

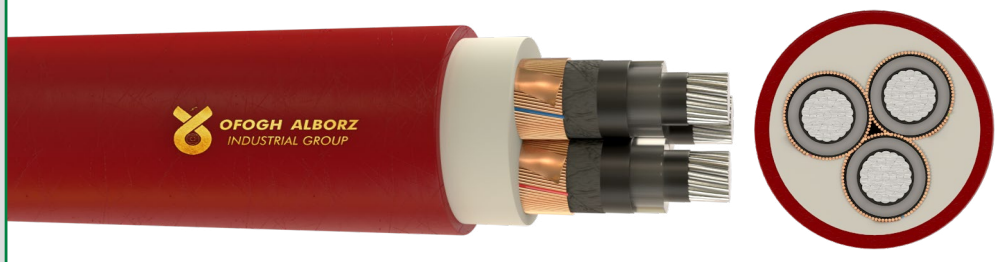
Nominal Cross Section	Insulation Thickness	Aluminium Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
1x35RM/16	3.4	0.5	1.8	26.5	1150
1x50RM/16	3.4	0.5	1.9	27.6	1310
1x70RM/16	3.4	0.5	1.9	29.4	1570
1x95RM/16	3.4	0.5	2.0	31.4	1880
1x120RM/16	3.4	0.5	2.0	32.9	2160
1x150RM/25	3.4	0.5	2.1	34.2	2450
1x185RM/25	3.4	0.5	2.2	36.2	2880
1x240RM/25	3.4	0.5	2.3	38.8	3490
1x300RM/25	3.4	0.5	2.4	41.0	4130
1x400RM/35	3.4	0.5	2.5	42.8	5050
1x500RM/35	3.4	0.5	2.5	46.6	6450
Aluminium					
1x35RM/16	3.4	0.5	1.8	26.5	930
1x50RM/16	3.4	0.5	1.9	27.6	1010
1x70RM/16	3.4	0.5	1.9	29.4	1140
1x95RM/16	3.4	0.5	2.0	31.4	1300
1x120RM/16	3.4	0.5	2.0	32.9	1430
1x150RM/25	3.4	0.5	2.1	34.2	1540
1x185RM/25	3.4	0.5	2.2	36.2	1730
1x240RM/25	3.4	0.5	2.3	38.8	1990
1x300RM/25	3.4	0.5	2.4	41.0	2250
1x400RM/35	3.4	0.5	2.5	43.9	2560
1x500RM/35	3.4	0.5	2.5	45.8	2870

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three - Core Cables, 6/10 (12) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screen Unarmoured & PVC Sheathed

کابل های سه رشته ای 10kv مسی و آلومینیومی



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Filler (PVC Compound)
7. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

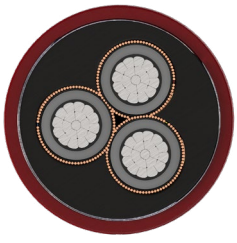
Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
3x35RM/16	3.4	2.3	46.0	2650
3x50RM/16	3.4	2.4	48.7	3150
3x70RM/16	3.4	2.5	52.3	3870
3x95RM/16	3.4	2.7	56.7	4880
3x120RM/16	3.4	2.8	60.0	5700
3x150RM/25	3.4	2.9	64.0	6710
3x185RM/25	3.4	3.0	67.0	8050
3x240RM/25	3.4	3.1	73.0	10030
3x300RM/25	3.4	3.3	78.0	12000
Aluminium				
3x35RM/16	3.4	2.3	46.0	2007
3x50RM/16	3.4	2.4	48.7	2274
3x70RM/16	3.4	2.5	52.3	2605
3x95RM/16	3.4	2.7	56.7	3128
3x120RM/16	3.4	2.8	60.0	3498
3x150RM/25	3.4	2.9	64.0	3995
3x185RM/25	3.4	3.0	67.0	4654
3x240RM/25	3.4	3.1	73.0	5533
3x300RM/25	3.4	3.3	78.0	6393

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 6/10 kv Tape Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screen, Steel Tape armoured & PVC Sheathed

کابل های سه رشته ای 10kv مسی و آلومینیومی
آرمور نوار گالوانیزه



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armour (Gal. Steel Tape)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSBY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

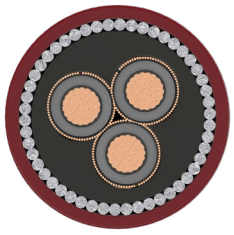
Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	3.4	0.5	2.4	47.4	4010
3x50RM/16	3.4	0.5	2.5	50.2	4660
3x70RM/16	3.4	0.5	2.6	53.7	5630
3x95RM/16	3.4	0.5	2.7	58.0	6840
3x120RM/16	3.4	0.5	2.8	62.0	8050
3x150RM/25	3.4	0.5	2.9	65.1	9170
3x185RM/25	3.4	0.5	3.1	69.4	10780
3x240RM/25	3.4	0.5	3.2	75.2	13130
3x300RM/25	3.4	0.5	3.4	81.8	16360
Aluminium					
3x35RM/16	3.4	0.5	2.4	47.4	3330
3x50RM/16	3.4	0.5	2.5	50.2	3730
3x70RM/16	3.4	0.5	2.6	53.7	4340
3x95RM/16	3.4	0.5	2.7	58.0	5130
3x120RM/16	3.4	0.5	2.8	62.0	5820
3x150RM/25	3.4	0.5	2.9	65.1	6380
3x185RM/25	3.4	0.5	3.1	69.4	7270
3x240RM/25	3.4	0.5	3.2	75.2	8520
3x300RM/25	3.4	0.5	3.4	81.8	10790

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 6/10 kv Wire Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screen, Steel Wire armoured & PVC Sheathed

کابل های سه رشته ای 10kv مسی و آلومینیومی وایر آرمور



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armour (Gal. Steel Tape)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	3.4	2.5	2.6	51.3	5530
3x50RM/16	3.4	2.5	2.7	54.1	6270
3x70RM/16	3.4	2.5	2.8	57.6	7350
3x95RM/16	3.4	2.5	2.9	61.9	8740
3x120RM/16	3.4	2.5	3.0	66.2	10080
3x150RM/25	3.4	2.5	3.1	69.3	11320
3x185RM/25	3.4	3.15	3.3	73.3	13070
3x240RM/25	3.4	3.15	3.5	80.7	16650
3x300RM/25	3.4	3.15	3.6	86.0	19240
Aluminium					
3x35RM/16	3.4	2.5	2.6	51.3	4850
3x50RM/16	3.4	2.5	2.7	54.1	5340
3x70RM/16	3.4	2.5	2.8	57.6	6050
3x95RM/16	3.4	2.5	2.9	61.9	6950
3x120RM/16	3.4	2.5	3.0	66.2	7890
3x150RM/25	3.4	2.5	3.1	69.3	8530
3x185RM/25	3.4	3.15	3.3	73.3	9560
3x240RM/25	3.4	3.15	3.5	80.7	11940
3x300RM/25	3.4	3.15	3.6	86.0	13480

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 12/20 (24) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screened, Unarmoured & PVC Sheathed

کابل های تک رشته ای 20kv مسی و آلومینیومی

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm²	mm	mm	mm	kg/km
Copper				
1x35RM/16	5.5	1.8	28.1	1150
1x50RM/16	5.5	1.8	29.2	1300
1x70RM/16	5.5	1.9	30.8	1550
1x95RM/16	5.5	1.9	32.6	1840
1x120RM/16	5.5	2.0	34.7	2170
1x150RM/25	5.5	2.0	36.0	2450
1x185RM/25	5.5	2.1	37.8	2860
1x240RM/25	5.5	2.1	40.2	3450
1x300RM/25	5.5	2.2	42.4	4090
1x400RM/35	5.5	2.3	46.0	4800
1x500RM/35	5.5	2.4	48.3	5850
Aluminium				
1x35RM/16	5.5	1.8	28.1	930
1x50RM/16	5.5	1.8	29.2	1000
1x70RM/16	5.5	1.9	30.8	1120
1x95RM/16	5.5	1.9	32.6	1250
1x120RM/16	5.5	2.0	34.7	1430
1x150RM/25	5.5	2.0	36.0	1540
1x185RM/25	5.5	2.1	37.8	1710
1x240RM/25	5.5	2.1	40.2	1940
1x300RM/25	5.5	2.2	42.4	2210
1x400RM/35	5.5	2.3	46.0	2500
1x500RM/35	5.5	2.4	48.3	3150

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 12/20 (24) kv Armoured

With Stranded Copper or Aluminium Conductor XLPE Insulation, Copper Wire Screened, Aluminium Tape armoure or Aluminium Wire Armoured & PVC Sheathed

کابل های تک رشته ای 20kv مسی و آلومینیومی آرمودار

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armoure (Aluminium Tape or Aluminium Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSYBY, N(A)2XSYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Aluminium Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
1x35RM/16	5.5	0.5	2.0	30.9	1380
1x50RM/16	5.5	0.5	2.0	32.2	1560
1x70RM/16	5.5	0.5	2.1	33.8	1820
1x95RM/16	5.5	0.5	2.1	35.8	2150
1x120RM/16	5.5	0.5	2.2	37.5	2460
1x150RM/25	5.5	0.5	2.2	38.8	2760
1x185RM/25	5.5	0.5	2.3	40.8	3200
1x240RM/25	5.5	0.5	2.3	43.6	3850
1x300RM/25	5.5	0.5	2.4	46.0	4540
1x400RM/35	5.5	0.5	2.5	52.0	5900
1x500RM/35	5.5	0.5	2.6	59.0	7400
Aluminium					
1x35RM/16	5.5	0.5	2.0	30.9	1160
1x50RM/16	5.5	0.5	2.0	32.2	1260
1x70RM/16	5.5	0.5	2.1	33.8	1400
1x95RM/16	5.5	0.5	2.1	35.8	1560
1x120RM/16	5.5	0.5	2.2	37.5	1730
1x150RM/25	5.5	0.5	2.2	38.8	1850
1x185RM/25	5.5	0.5	2.3	40.8	2050
1x240RM/25	5.5	0.5	2.3	43.6	2350
1x300RM/25	5.5	0.5	2.4	46.0	2660
1x400RM/35	5.5	0.5	2.5	52.0	3700
1x500RM/35	5.5	0.5	2.6	59.0	4200

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 12/20 (24) kv

With Stranded Copper or Aluminium Conductor XLPE Insulation, Copper Wire Screene, Unarmoured & PVC Sheathed

کابل های سه رشته ای 20kv مسی و آلومینیومی

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Filler (PVC)
7. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEY

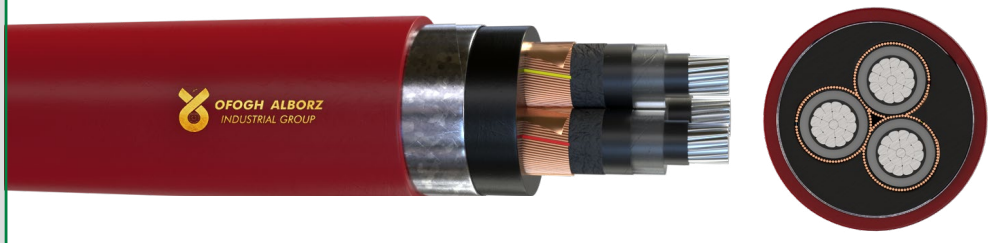
Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
3x35RM/16	5.5	2.6	52.0	4030
3x50RM/16	5.5	2.7	54.6	4650
3x70RM/16	5.5	2.8	58.2	5610
3x95RM/16	5.5	3.0	62.7	6850
3x120RM/16	5.5	3.1	66.1	7940
3x150RM/25	5.5	3.2	69.2	9040
3x185RM/25	5.5	3.3	73.3	10610
3x240RM/25	5.5	3.5	78.9	12890
3x300RM/25	5.5	3.6	84.0	15330
Aluminium				
3x35RM/16	5.5	2.6	52.0	3350
3x50RM/16	5.5	2.7	54.6	3720
3x70RM/16	5.5	2.8	58.2	4310
3x95RM/16	5.5	3.0	62.7	5070
3x120RM/16	5.5	3.1	66.1	5710
3x150RM/25	5.5	3.2	69.2	6260
3x185RM/25	5.5	3.3	73.3	7100
3x240RM/25	5.5	3.5	78.9	8260
3x300RM/25	5.5	3.6	84.0	9580

Three-Core Cables, 12/20 (24)kv Tape Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screened, Steel Tape Armoured & PVC Sheathed

کابل های سه رشته ای 20kv مسی و آلومینیومی
آرمور نوار گالوانیزه



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armoure (Gal. Steel Tape)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYBY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

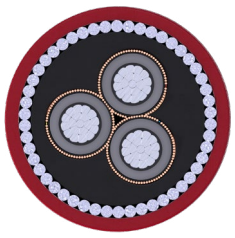
Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	5.5	0.5	2.7	57.4	5330
3x50RM/16	5.5	0.5	2.8	60.2	6050
3x70RM/16	5.5	0.5	2.9	63.8	7090
3x95RM/16	5.5	0.5	3.0	68.5	8480
3x120RM/16	5.5	0.5	3.2	72.3	9730
3x150RM/25	5.5	0.5	3.3	75.4	10920
3x185RM/25	5.5	0.8	3.4	79.7	12620
3x240RM/25	5.5	0.8	3.6	86.7	15890
3x300RM/25	5.5	0.8	3.7	92.0	18550
Aluminium					
3x35RM/16	5.5	0.5	2.7	57.4	4640
3x50RM/16	5.5	0.5	2.8	60.2	5110
3x70RM/16	5.5	0.5	2.9	63.8	5790
3x95RM/16	5.5	0.5	3.0	68.5	6700
3x120RM/16	5.5	0.5	3.2	72.3	7500
3x150RM/25	5.5	0.5	3.3	75.4	8130
3x185RM/25	5.5	0.8	3.4	79.7	9110
3x240RM/25	5.5	0.8	3.6	86.7	11270
3x300RM/25	5.5	0.8	3.7	92.0	12800

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 12/20 (24)kv Wire Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screened, Steel Wire Armoured & PVC Sheathed

کابل های سه رشته ای 20kv مسی و آلومینیومی وایر آرمور



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armoure (Gal. Steel Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x35RM/16	5.5	2.50	2.9	61.4	7190
3x50RM/16	5.5	2.50	3.0	64.2	7990
3x70RM/16	5.5	2.50	3.1	67.7	9140
3x95RM/16	5.5	2.50	3.2	72.6	10750
3x120RM/16	5.5	3.15	3.4	77.5	12970
3x150RM/25	5.5	3.15	3.5	80.7	14310
3x185RM/25	5.5	3.15	3.6	85.2	16250
3x240RM/25	5.5	3.15	3.8	90.7	18930
3x300RM/25	5.5	3.15	3.9	96.1	21790
Aluminium					
3x35RM/16	5.5	2.50	2.9	61.4	6500
3x50RM/16	5.5	2.50	3.0	64.2	7060
3x70RM/16	5.5	2.50	3.1	67.7	7880
3x95RM/16	5.5	2.50	3.2	72.6	8960
3x120RM/16	5.5	3.15	3.4	77.5	10740
3x150RM/25	5.5	3.15	3.5	80.7	11520
3x185RM/25	5.5	3.15	3.6	85.2	12740
3x240RM/25	5.5	3.15	3.8	90.7	14310
3x300RM/25	5.5	3.15	3.9	96.1	16040

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 18/30 (36) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screened, Unarmoured, PVC Sheathed

کابل های تک رشته ای 30kv مسی و آلومینیومی

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
1x50RM/16	8.0	2.0	34.8	1610
1x70RM/16	8.0	2.0	36.4	1870
1x95RM/16	8.0	2.1	38.2	2180
1x120RM/16	8.0	2.1	39.7	2470
1x150RM/25	8.0	2.2	41.0	2770
1x185RM/25	8.0	2.2	42.8	3190
1x240RM/25	8.0	2.3	45.2	3800
1x300RM/25	8.0	2.4	47.4	4450
1x400RM/35	8.0	2.5	50.5	5450
1x500RM/35	8.0	2.6	53.5	6500
Aluminium				
1x50RM/16	8.0	2.0	34.8	1310
1x70RM/16	8.0	2.0	36.4	1450
1x95RM/16	8.0	2.1	38.2	1600
1x120RM/16	8.0	2.1	39.7	1740
1x150RM/25	8.0	2.2	41.0	1860
1x185RM/25	8.0	2.2	42.8	2040
1x240RM/25	8.0	2.3	45.2	2290
1x300RM/25	8.0	2.4	47.4	2570
1x400RM/35	8.0	2.5	50.5	3200
1x500RM/35	8.0	2.6	53.5	3800

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Single-Core Cables, 18/30 (36) kv Tape Armoured

With Stranded Copper or Aluminium Conductor XLPE Insulation, Copper Wire Screened, Aluminium Tape Armoure or Aluminium Wire Armoured & PVC Sheathed

کابل های تک رشته ای 30kv مسی و آلومینیومی آرمودار

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding (PVC)
7. Armoure (Aluminium Tape or Aluminium Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSYBY, N(A)2XSYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

Nominal Cross Section	Insulation Thickness	Aluminium Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
1x50RM/16	8.0	0.5	2.2	37.6	1910
1x70RM/16	8.0	0.5	2.2	39.2	2180
1x95RM/16	8.0	0.5	2.4	41.2	2520
1x120RM/16	8.0	0.5	2.4	42.9	2850
1x150RM/25	8.0	0.5	2.4	44.4	3100
1x185RM/25	8.0	0.5	2.5	46.2	3620
1x240RM/25	8.0	0.5	2.6	49.0	4300
1x300RM/25	8.0	0.5	2.7	51.4	5000
1x400RM/35	8.0	0.5	2.8	54.5	6150
1x500RM/35	8.0	0.5	3.0	57.8	7350
Aluminium					
1x50RM/16	8.0	0.5	2.2	37.6	1600
1x70RM/16	8.0	0.5	2.2	39.2	1750
1x95RM/16	8.0	0.5	2.4	41.2	1940
1x120RM/16	8.0	0.5	2.4	42.9	2110
1x150RM/25	8.0	0.5	2.4	44.4	2270
1x185RM/25	8.0	0.5	2.5	46.2	2470
1x240RM/25	8.0	0.5	2.6	49.0	2790
1x300RM/25	8.0	0.5	2.7	51.4	3120
1x400RM/35	8.0	0.5	2.8	54.5	3800
1x500RM/35	8.0	0.5	3.0	57.8	4530

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 18/30 (36) kv

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wire Screened, Unarmoured & PVC Sheathed

کابل های سه رشته ای 30kv مسی و آلومینیومی

مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Filler (PVC Compound)
6. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

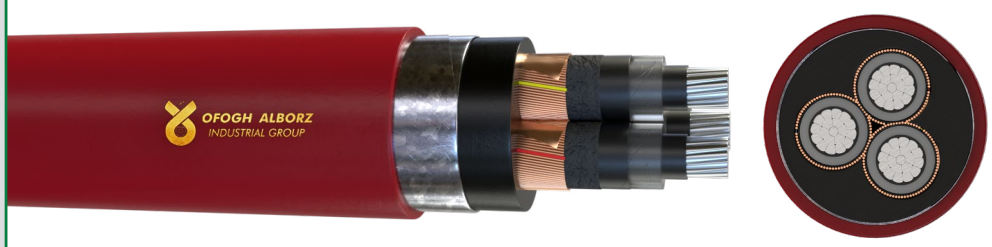
Nominal Cross Section	Insulation Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	kg/km
Copper				
3x50RM/16	8.0	3.1	66.2	6220
3x70RM/16	8.0	3.2	69.8	7280
3x95RM/16	8.0	3.3	74.3	8640
3x120RM/16	8.0	3.5	77.7	9800
3x150RM/25	8.0	3.6	80.8	10990
3x185RM/25	8.0	3.6	84.9	12660
3x240RM/25	8.0	3.8	90.5	15080
3x300RM/25	8.0	4.0	95.4	17580
Aluminium				
3x50RM/16	8.0	3.1	66.2	5290
3x70RM/16	8.0	3.2	69.8	5970
3x95RM/16	8.0	3.3	74.3	6850
3x120RM/16	8.0	3.5	77.7	7580
3x150RM/25	8.0	3.6	80.8	8200
3x185RM/25	8.0	3.6	84.9	9150
3x240RM/25	8.0	3.8	90.5	10460
3x300RM/25	8.0	4.0	95.4	11830

گـروه صنـایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 18/30 (36)kv Tape Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screened, Steel Tape Armoured & PVC Sheathed

کابل های سه رشته ای 30kv مسی و آلومینیومی
آرمور نوار گالوانیزه



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding
7. Armoure (Gal. Steel Tape)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYBY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع افق البرز
OFOGHE ALBORZ INDUSTRIAL GROUP

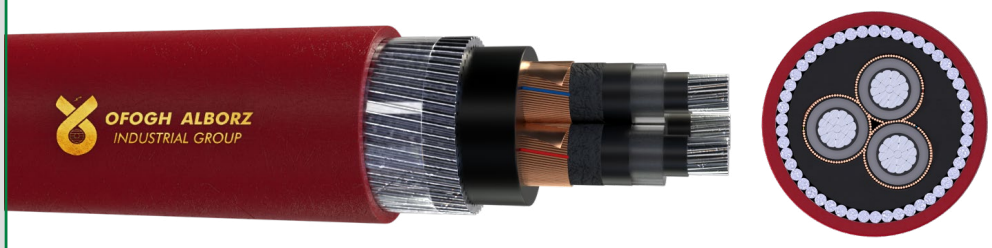
Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x50RM/16	8.0	0.5	3.2	72.2	7970
3x70RM/16	8.0	0.5	3.3	75.8	9110
3x95RM/16	8.0	0.5	3.4	81.9	11400
3x120RM/16	8.0	0.8	3.6	85.5	12750
3x150RM/25	8.0	0.8	3.7	88.6	14050
3x185RM/25	8.0	0.8	3.8	92.9	15900
3x240RM/25	8.0	0.8	4.0	98.7	18590
3x300RM/25	8.0	0.8	4.1	103.8	21340
Aluminium					
3x50RM/16	8.0	0.5	3.2	72.2	7040
3x70RM/16	8.0	0.5	3.3	75.8	7820
3x95RM/16	8.0	0.5	3.4	81.9	9620
3x120RM/16	8.0	0.8	3.6	85.5	10530
3x150RM/25	8.0	0.8	3.7	88.6	11260
3x185RM/25	8.0	0.8	3.8	92.9	12400
3x240RM/25	8.0	0.8	4.0	98.7	14000
3x300RM/25	8.0	0.8	4.1	103.8	15600

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Three-Core Cables, 18/30 (36)kv Wire Armoured

With Stranded Copper or Aluminium Conductor, XLPE Insulation Copper Wires Screened, Steel Wire Armoured & PVC Sheathed

کابل های سه رشته ای 30kv مسی و آلومینیومی وایر آرمور



مشاهده جدول مشخصات

Construction

1. Copper & Aluminium Conductor, Class 2
2. Conductor Screen
3. XLPE Insulation
4. Insulating Screen
5. Metallic Screen
6. Bedding
7. Armoure (Gal. Steel Wire)
8. Sheath (PVC)

ACC.TO: IEC 60502

Type: N(A)2XSEYRY

Application: Outdoor and Indoor Installation, in Ground and Ducts, as well as, Indoor on Trays on Walls and in Cable Tunnels.

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

Nominal Cross Section	Insulation Thickness	Steel Tape Thickness	Sheath Thickness	Approx. Diameter	Approx. Cable Weight
mm^2	mm	mm	mm	mm	kg/km
Copper					
3x50RM/16	8.0	3.15	3.4	77.7	11260
3x70RM/16	8.0	3.15	3.5	81.2	12540
3x95RM/16	8.0	3.15	3.7	85.2	14240
3x120RM/16	8.0	3.15	3.8	89.5	15760
3x150RM/25	8.0	3.15	3.9	92.7	17180
3x185RM/25	8.0	3.15	4.0	97.0	19190
3x240RM/25	8.0	3.15	4.2	102.7	22060
3x300RM/25	8.0	3.15	4.3	108.1	25060
Aluminium					
3x50RM/16	8.0	3.15	3.4	77.7	10260
3x70RM/16	8.0	3.15	3.5	81.2	11240
3x95RM/16	8.0	3.15	3.7	85.2	12640
3x120RM/16	8.0	3.15	3.8	89.5	13540
3x150RM/25	8.0	3.15	3.9	92.7	14390
3x185RM/25	8.0	3.15	4.0	97.0	15680
3x240RM/25	8.0	3.15	4.2	102.7	17450
3x300RM/25	8.0	3.15	4.3	108.1	19310

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
CERTIFICATE

01

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
CERTIFICATE

TÜV NORD

گـــــواهینـــــامه

سیستم مدیریت مبتنی بر
ISO 9001 : 2008
مطابق با روش‌های اجرایی TÜV NORD Iran، گواهی می‌نماید که

گروه صنایع کابلسازی افق البرز
کارخانه: ایران، قزوین، شهرک صنعتی لیاء، خیابان هنر، خیابان ارزش
دفتر مرکزی: ایران، تهران، خیابان شریعتی، کوچه زرین، شماره ۲۸

سیستم مدیریت را در پیروی از استاندارد بالا برای دامنه کاربرد تشریح شده در زیر، بکار می‌گیرد

تولید انواع سیم و کابل فشار متوسط و ضعیف از سطح مقطع ۰/۵ mm² تا ۶۳۰ mm²

شماره ثبت گواهینامه: IR 100 14/0080
شماره گزارش ممیزی: 100 IR 3048
دارای اعتبار تا تاریخ: 2017-05-09

TÜV NORD
TÜV NORD Iran PJS
ISO 9001

بخش صـــدور گواهینامه در
TÜV NORD IRAN

تهران،
2014-05-09

صدور این گواهینامه مطابق با روش‌های اجرایی ممیزی و صدور گواهینامه TÜV NORD Iran انجام شده است و ممیزی‌های مراقبتی مقرر را به همراه خواهد داشت.

شرکت مشارکتی توف نورد ایران تهران، خیابان سهروردی شمالی، خیابان فیروزه، پلاک ۲۲، ساختمان فیروزه، طبقه ششم، واحد ٤

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
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OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
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IPH BERLIN

Independent, accredited testing station · Member laboratory of STL and LOVAG

TEST REPORT

NO. 3198.2090247.0558

Ofoghe Alborz Industrial Gr No195, South Lalezar Str. Tehran IRAN	CLIENT
Ofoghe Alborz Industrial Group	MANUFACTURER
Power cable with extruded insulation	TEST OBJECT
33 kV XLPE insulated , PVC sheathed cable with copper conductor 300 mm², copper wire screen 25 mm²	TYPE
Cable sample, without no.	SERIAL NO.
Rated voltage U_0/U 18/30 kV Max. operation voltage U_m 36 kV	RATED CHARACTERISTICS GIVEN BY THE CLIENT
IEC 60502-2: 2005-03	NORMATIVE DOCUMENT
Electrical and mechanical part of the tests to IEC 60502-2: 2005-03	RANGE OF TESTS PERFORMED
August 2009 to January 2010	DATE OF TEST
The tests have been PASSED.	TEST RESULT

H. ZINNBAUER
Head of Centre of Competence
HIGH-POWER/HIGH-VOLTAGE
Berlin, 04 March 2010

G. BROSE
Test engineer in charge

INSTITUT FÜR ELEKTRISCHE HOCHLEISTUNGSTECHNIK GMBH

Independent test laboratory, accredited by Deutsche Akkreditierungsstelle Technik (DATech) e.V. in the fields of h.v. apparatus and switchgear, power cables and power cable accessories, l.v. apparatus and switchgear, installation equipment and switching and control equipment.
Institut „Prüffeld für elektrische Hochleistungstechnik" GmbH (IPH Berlin) is a subsidiary of CESI S.p.A. Milan.

DAT - P - 019/92

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
CERTIFICATE

DNV·GL

KEMA TEST REPORT

1472-17

Object	Single-core power cable
Type	U_0 = 18 kV 1x300 mm² XLPE Cable
	18/30 (36) kV – 1x300 mm² – Cu – XLPE
Client	OFOGHE ALBORZ INDUSTRIAL GROUP, Tehran, Iran
Manufacturer	OFOGHE ALBORZ INDUSTRIAL GROUP, Qazvin, Iran *)
Tested by	DNV GL Netherlands B.V., Arnhem, the Netherlands
Date of tests	7 September to 26 October 2017
Test specification	The tests have been carried out in accordance with client's instructions. Test procedure and test parameters were based on IEC 60502-2:2014, IEC 60502-1:2009, IEC 61034-2:2005, IEC 60754-1:2011, IEC 60332-1-2:2004 and IEC 60332-3-24:2000.

This report applies only to the object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer.
*) as declared by the client

This report consists of 41 pages in total.

DNV GL Netherlands B.V.

J.P. Fonteijne
Executive Vice President
KEMA Laboratories

KEMA Laboratories Arnhem, 18 December 2017

گروه صنایع
OFOGHE ALBORZ INDUSTRIAL GROUP

گواهینامه ها و مجوزها
CERTIFICATE


KEMA

Type test Certificate of
Complete Type Test

Ofoghe Alborz
Cable Group
Tehran, Iran

has successfully passed the type test sequence on a

single-core
power cable
Type: 20 kV 1x50 mm² Cu, XLPE
Rating: 12/20 (24) kV

The test object passed the specification of test duties of

IEC 60502-2

The test results are recorded in Certificate No.

07-1064

This Certificate is issued on 15 February 2008

KEMA Nederland B.V.

P.G.A. Bus
KEMA T&D Testing Services
Managing Director

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DNV·GL

KEMA TEST REPORT

1621-17

Object	5-core power cable
Type	0,6/1 (1,2) kV – 5x2,5 mm2 – Cu-MGT-XLPE-LSFOH-SWA-PET-LSFOH
Client	OFOGHE ALBORZ INDUSTRIAL GROUP, Qazvin, Iran
Manufacturer	OFOGHE ALBORZ INDUSTRIAL GROUP, Qazvin, Iran
Tested by	DNV GL Netherlands B.V., Arnhem, the Netherlands
Date of tests	1 June to 13 November 2017
Test specification	The tests have been carried out in accordance with client's instructions. Test procedure and test parameters were based on IEC 60502-1:2004/A1 2009, IEC 61034-2:2005/A1 2013, IEC 60754-1:2011, IEC 60754-2:2001, IEC 60332-1:2004 and IEC 60332-3:2000

This report applies only to the object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer.
*) as declared by the manufacturer

This report consists of 27 pages in total.

DNV GL Netherlands B.V.

J.P. Fonteijne
Executive Vice President
KEMA Laboratories

KEMA Laboratories Arnhem, 10 January 2018

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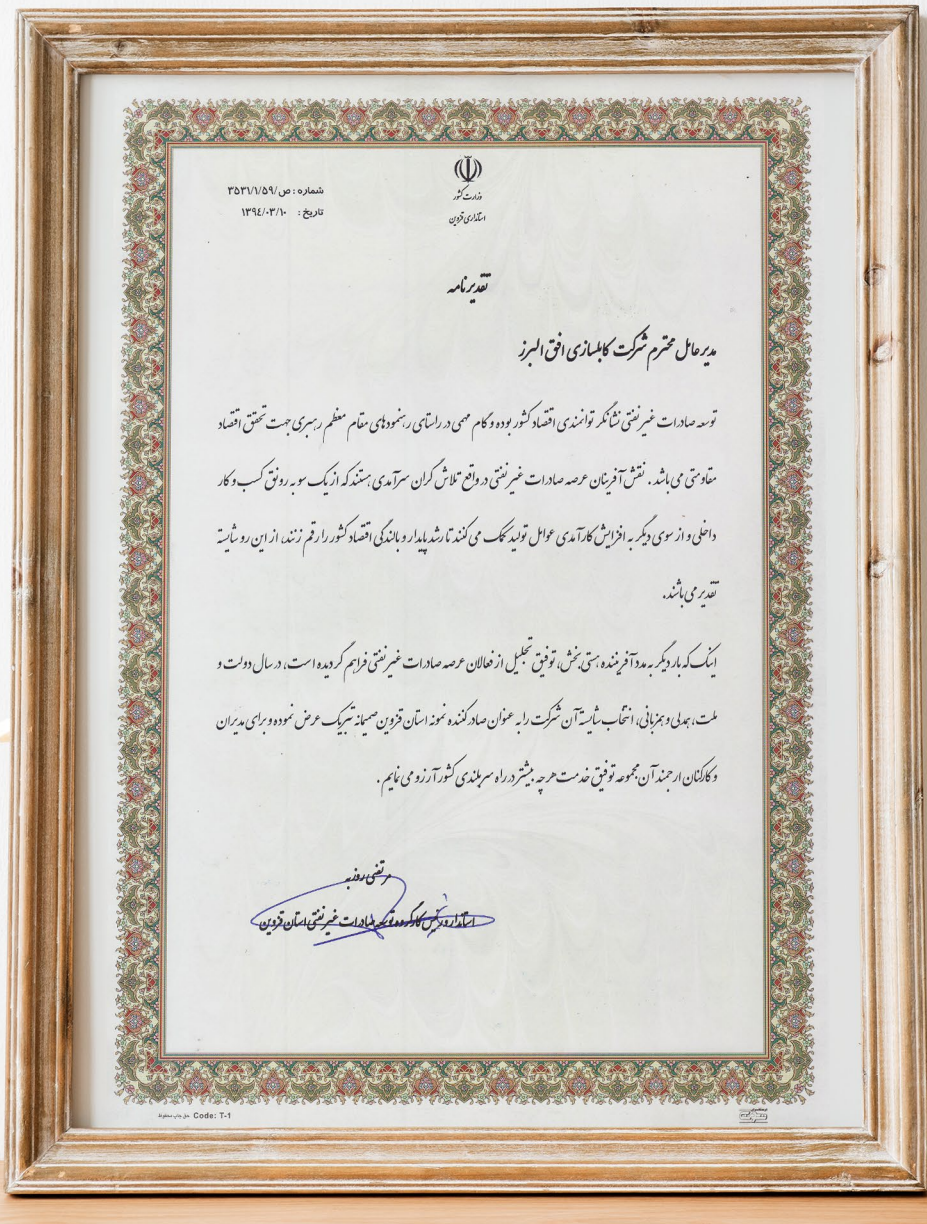

وزارت کشور
استانداری قزوین

شماره : ص/۳۵۳۱/۱/۵۹
تاریخ : ۱۳۹۴/۰۳/۱۰

تقدیرنامه

مدیرعامل محترم شرکت کاملسازی افق البرز

توسعه صادرات غیرنفتی نشانگر توانمندی اقتصاد کشور بوده و گام مهمی در راستای رهنمودهای مقام معظم رهبری جهت تحقق اقتصاد مقاومتی می باشد. نقش آفرینان عرصه صادرات غیرنفتی در واقع تلاش گران سرآمدی هستند که از یک سو به رونق کسب و کار داخلی و از سوی دیگر به افزایش کارآمدی عوامل تولید کمک می کنند تا رشد پایدار و بالندگی اقتصاد کشور را رقم زنند، از این رو شایسته تقدیری باشند.

اینک که بار دیگر به مدد آفریننده، هستی بخش، توفیق تجلیل از فعالان عرصه صادرات غیرنفتی فراهم گردیده است، در سال دولت و ملت، بهدلی و همزبانی، انتخاب شایسته آن شرکت را به عنوان صادر کننده نمونه استان قزوین صمیمانه تبریک عرض نموده و برای مدیران و کارکنان ارجمند آن مجموعه توفیق خدمت هرچه بیشتر در راه سربلندی کشور آرزو می نمایم.

مرتضی رودبنه
استاندار قزوین

Code: T-1

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جمهوری اسلامی ایران

«صادرات غیرنفتی، تجلی حمایت از کالای ایرانی»

شرکت گروه صنایع کابلسازی افق البرز

صادرات غیرنفتی تجلی حقیقی حمایت از تولید کالای ایرانی و پیشران اقتصاد ملی و گسترش بازارها در عرصه بین المللی بوده ونقش و جایگاهی کلیدی در توسعه همه جانبه و پایدار کشور عزیزمان دارد. بدون تردید تحقق اهداف ترسیم شده در چارچوب سیاست های کلان اقتصاد مقاومتی و سند چشم انداز ۱۴۰۴، محصول همت و سخت کوشی نقش آفرینان عرصه صادرات غیرنفتی و زیر سایه الطاف خداوندی میسر شده است. لذا شایسته می دانم به پاس تلاش های جهادگونه شما تلاشگر ارجمند با تقدیم لوح تقدیر

صادرکننده نمونه ملی سال ۱۳۹۷

از مجاهدت های آن شرکت وزین قدردانی نموده و بهترین شادباش ها را برای گام های ارزشمند شما در مسیر آبادانی ، رشد، شکوفایی و بلوغ تولیدی و خدماتی ایران مقتدر اسلامی نثارتان کنم.

محمد شریعتمداری

وزیرصنعت ،معدن و تجارت

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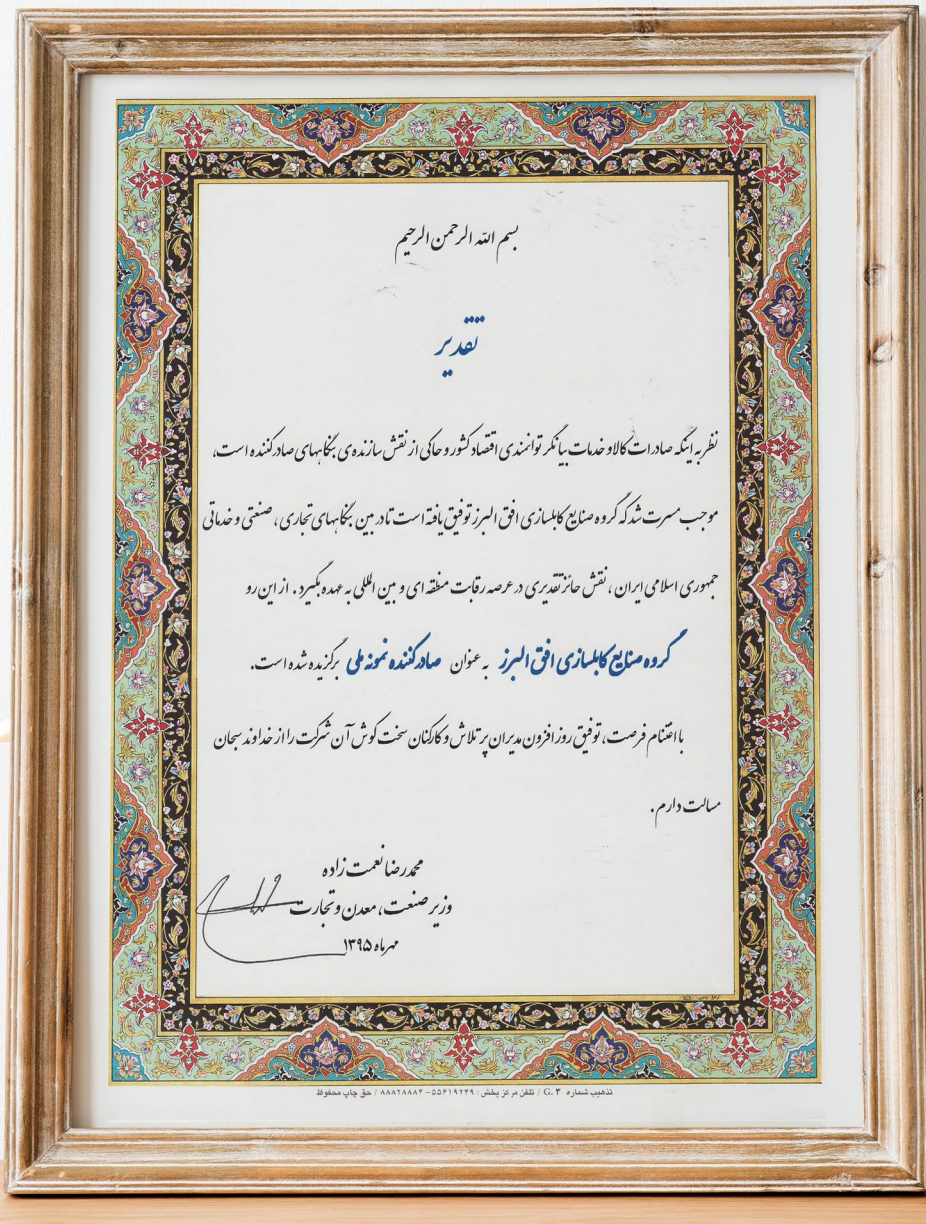

بسم الله الرحمن الرحیم

تقدیر

نظر به اینکه صادرات کالا و خدمات بیانگر توانمندی اقتصاد کشور و حاکی از نقش سازنده ی بنگاههای صادر کننده است،

موجب مسرت شد که گروه صنایع کابلسازی افق البرز توفیق یافته است تا در بین بنگاههای تجاری، صنعتی و خدماتی

جمهوری اسلامی ایران، نشان حائز تقدیری در عرصه رقابت منطقه ای و بین المللی به عهده بگیرد. از این رو

گروه صنایع کابلسازی افق البرز به عنوان **صادرکننده نمونه ملی** برگزیده شده است.

با اعتنام فرصت، توفیق روزافزون مدیران پرتلاش و کارکنان سخت کوش آن شرکت را از خداوند سبحان

مسالت دارم.

محمدرضا نعمت زاده
وزیر صنعت، معدن و تجارت
مهرماه ۱۳۹۵

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OFOGHE
ALBORZ
INDUSTRIAL GROUP

نشانی: تهران ، فرمانیه، خیابان سعیدی، پلاک ۲۵

تلفن : ۰۲۱ ۲۳۵ ۷۴ فکس : ۰۲۱ ۲۳۵ ۷۴ ۵۲

m.barzegar@ofoghealborz.com

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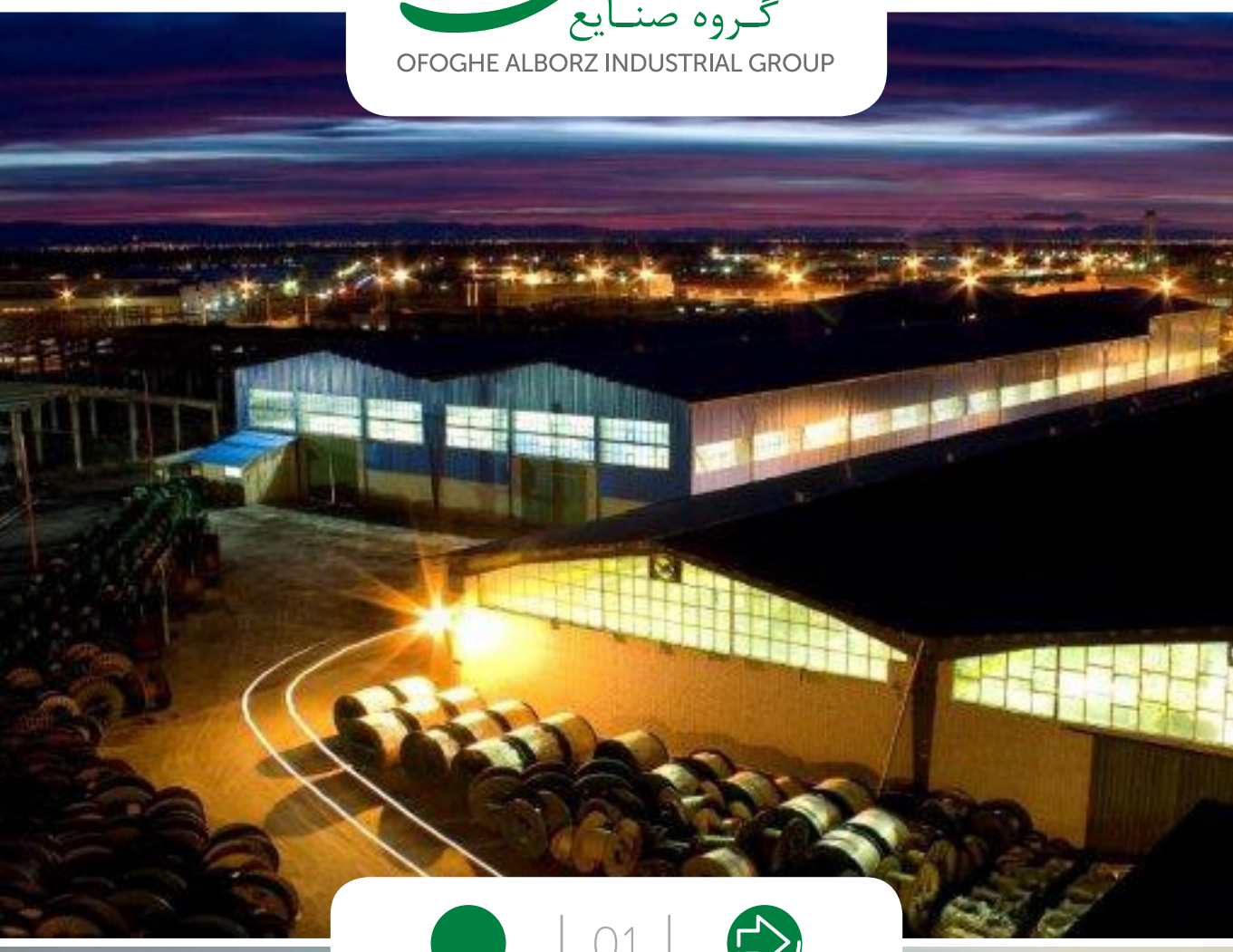
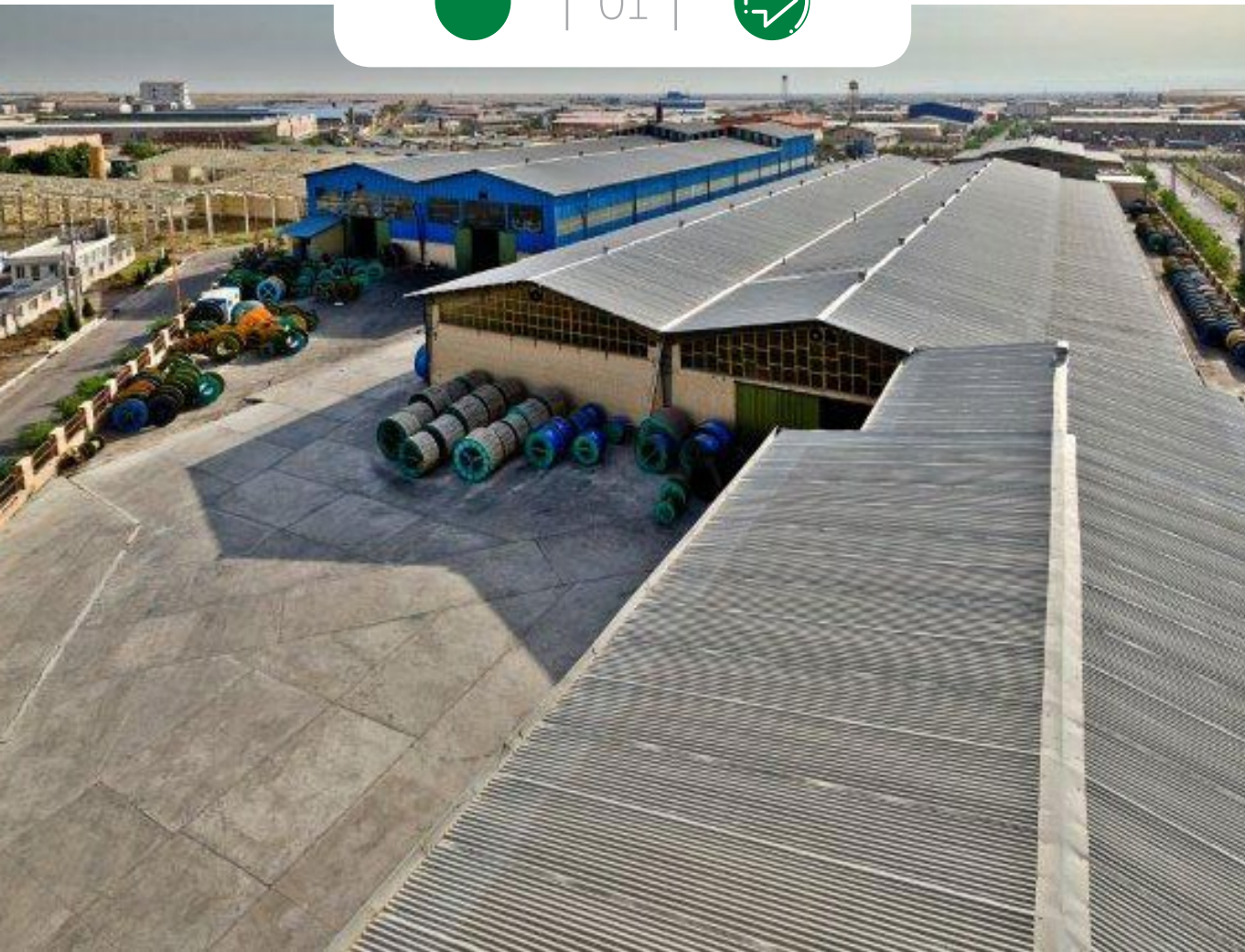
OFOGHE ALBORZ INDUSTRIAL GROUP





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