



MOGHAN Wire & Cable Co.  
شرکت سیم و کابل مغان

General Catalogue 2018 - 2019

Export Manager: Ahmadi Mobile No.: +989122700826



Technology Made Us Perfect

## لیست محصولات

انواع کابل‌های فشار ضعیف (ولتاژ ۱-۰/۶ کیلوولت)، عایق PVC، XLPE، غلاف سرب، آرموردار  
انواع کابل‌های فشار متوسط (ولتاژ ۶-۳۰ کیلوولت)، عایق XLPE، غلاف سرب، آرموردار، ضدآب  
انواع کابل‌های فشار قوی و فوق فشار قوی (تا ولتاژ ۲۳۰ کیلوولت)، عایق XLPE، غلاف سرب، آرموردار، ضدآب  
انواع کابل‌های کنترل و ابزار دقیق، غلاف سرب آرموردار  
انواع کابل‌های هوایی شامل ABC، ACSR و کابل‌های هوایی فاصله‌دار  
انواع کابل‌های مقاوم در برابر آتش و کابل‌های نسوز  
انواع کابل‌های مخابراتی و کواکسیال  
انواع کابل‌های معدنی، لاستیکی و جوشکاری (قلع اندود و بدون مخصوص معادن و صنایع دریایی)  
انواع کابل‌های مخصوص سیستم‌های خورشیدی (Solar System)  
انواع سیم و کابل‌های ساختمانی  
انواع کابل‌های خاص (طراحی طبق سفارش مشتری)



## Company Products

MOGHAN Wire & Cable Co.  
شرکت سیم و کابل مغان

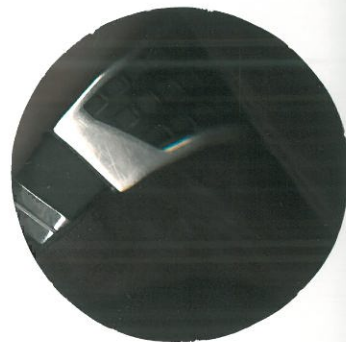


- Low voltage cables (0.6-1 kV) – PVC & XLPE insulated- lead sheathed-armored
- Medium voltage cables (6-30 kV) –XLPE insulated- lead sheathed-armored- water blocked
- High voltage & Extra High voltage cables (230 kV) –XLPE insulated- lead sheathed-armored- water blocked
- Control & Instrument cables- lead sheathed -armored
- Aerial cables including ACSR & ABC & Spacer Cables
- Fire resistance & flame retardant cables
- Mining, rubber & welding cables (tinned /without tinned for mine and marine industries)
- Solar System cables
- Building wires & cables
- Special cables (as per customer request)

شرکت سیم و کابل مغان در سال ۱۳۶۱ با تولید انواع سیم و کابل فشار ضعیف بویژه در بخشهای صنعتی و ساختمانی فعالیت خود را در شهرستان شاهرود واقع در استان سمنان آغاز نمود . ۱۴ سال بعد یعنی در سال ۱۳۷۵ همزمان با رشد روز افزون تقاضای سیم و کابل مخابراتی از طرف صنایع مخابراتی ایران، هیئت مدیره شرکت اقدام به تاسیس واحد جدید کابل‌های مخابراتی در شهرک صنعتی شاهرود نمود . با توجه به گسترش بخشهای مختلف صنعت در زمینه های نفت و گاز، پتروشیمی و صنایع دریائی و نیاز به کابل های لاستیکی و غلاف سربی و همچنین کابل‌های فشار متوسط و قوی XLPE در بخش انتقال و توزیع انرژی الکتریکی، هیئت مدیره شرکت در سال ۱۳۸۵ تصمیم گرفت با استفاده از تکنولوژی پیشرفته و ماشین آلات و تجهیزات مدرن در بخشهای مختلف، فاز دوم طرح توسعه را با ظرفیت بالغ بر ۴۳۰۰۰ تن درزمینی بمساحت بیش از ۱۰ هکتار و با زیر بنای ۲۸۰۰۰ متر مربع مشتمل بر سالن های تولید، ساختمانهای اداری و انبار در شهرک صنعتی شاهرود به اجرا گذارد و نتیجتاً گام مهمی در توسعه کمی و کیفی محصولات مورد نیاز این بخش از صنعت بردارد . در واقع این شرکت با دارا بودن ماشین آلات مدرن اروپائی از سال ۲۰۰۷ به بعد یکی از بزرگترین و جدیدترین کارخانجات کابلسازی در سطح کشور بشمار میرود . واحد تولید با بهره برداری از این ماشین آلات به کمک نیروهای مجرب و کارآمد با تجربه چندین ساله و نیز واحدهای کنترل کیفیت و آزمایشگاه با بهره گیری از نیروهای متخصص و تجهیزات کامل و کالیبره شده، نظارت مستمر در بخشهای بازرسی مواد اولیه، کنترل حین فرایند تولید و تست نهائی اعمال مینمایند .

آزمایشگاه شرکت کابل مغان موفق به استقرار سیستم ISO/IEC 17025 گردیده و بعنوان آزمایشگاه همکار اداره استاندارد تایید گردیده است. آزمایشگاه فشار قوی کارخانه مجهز به اتاق شیلد با تجهیزات مدرن و مناسب که ساخت شرکت High volt آلمان میباشد با برخورداری از پرسنل فنی و با تجربه به امر تست کابل‌های فشار متوسط و قوی تا سطح ولتاژ ۲۳۰ کیلو ولت مبادرت می نماید .

شرکت تولیدی سیم و کابل مغان با استفاده از دانش و تخصص همکاران بخش تحقیق و توسعه و نیز همکاری اساتید دانشگاهها و مراکز تحقیقاتی و پژوهشی، در طراحی و ساخت محصولات جدید گام برداشته است و بومی سازی محصولات خاصی که امکان واردات آن وجود ندارد در شرکت آغاز شده است. متخصصین رشته های برق، مکانیک، ساختمان و شیمی با بکارگیری دستاوردهای علمی و فنی پروژه های تحقیقاتی را به اجرا در می آورند. واحد طراحی مهندسی با سابقه درخشان نزدیک به سه دهه فعالیت، با بکارگیری نرم افزارها و استانداردهای موجود توسط متخصصین برجسته و بنام صنعت سیم و کابل کشور، قادر به طراحی و تولید انواع کابل با توجه به شرایط خاص هر پروژه و مطابق با نیازهای مشتری می باشد.



## Technology Made Us Perfect

In 1982, MOGHAN CABLE Co., started production with Low Voltage and Telecom wire and cables in old factories in Shahrood city in Semnan province, North East part of IRAN. During the years, company was producing many types of unfilled telecom and Low Voltage cables up to 240mm<sup>2</sup>, in accordance with ISIRI, IEC, BS, JIS and VDE standards. After 24 Years of experiences, in 2006 the company board member decided to start a new project to develop and extend the production Lines. By purchasing and installing new machinery from European manufacturers, the production capacity increased to 42000 tons per year. The new plant was built on 102,000m<sup>2</sup> of land located in the industrial Estate of Shahrood.

This new project is including:

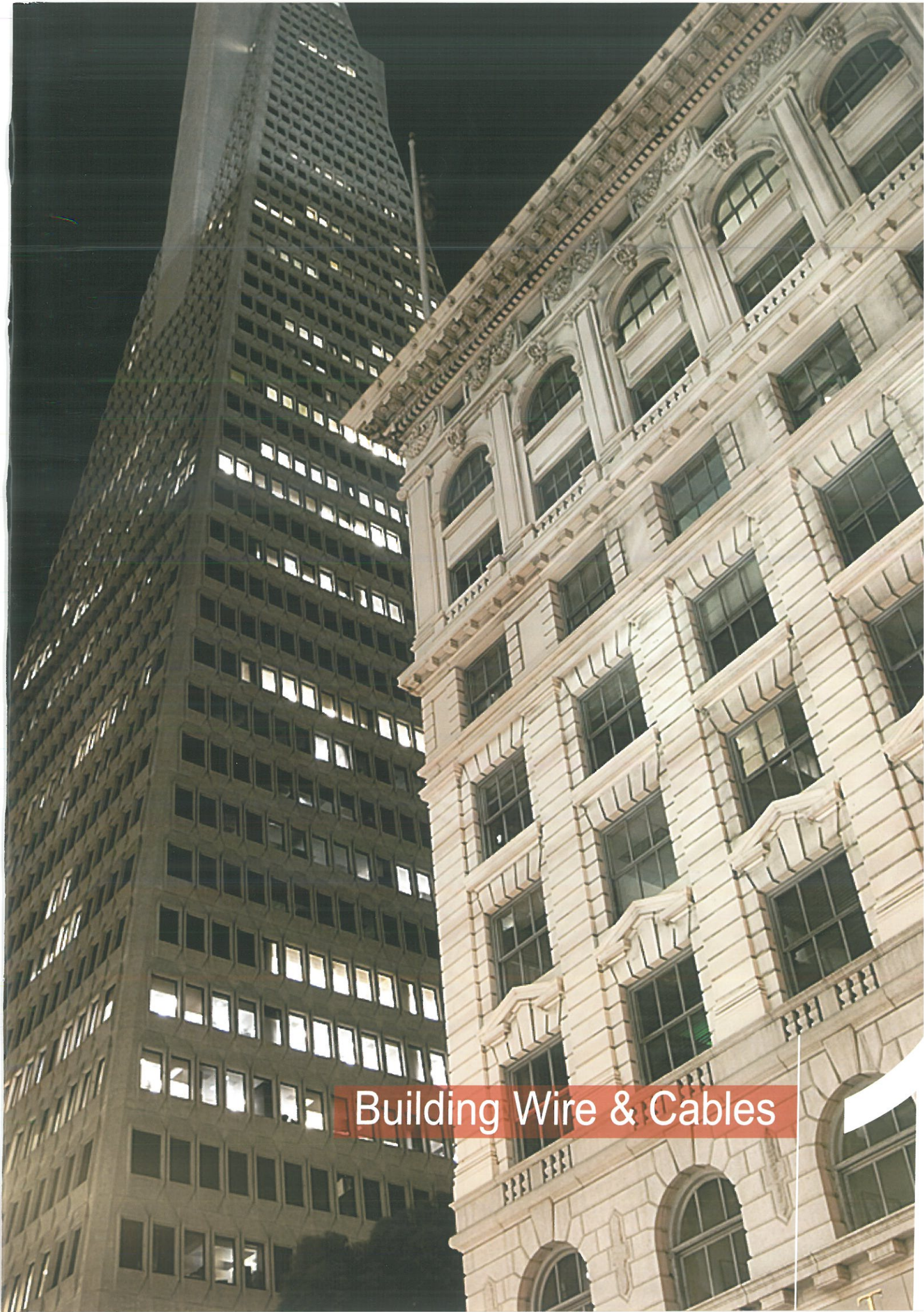
- Catenary Continuous Vulcanizing (CCV) Line with Gas curing & Dry cooling Medium, High & Extra High Voltage XLPE cables up to 230KV.
- Lead Sheathing Line.
- Rubber insulating & Rubber Sheathing Lines.
- High Voltage Shielded Room Laboratory up to 230KV testing installed by German Company (HIGHVOLT).
- During 20 years, company was exporting wire & cable products to other countries, including Afghanistan, CIS countries and Sri Lanka.

Our Laboratory is accredited by ISIRI and has been audited for 17025 ISO/IEC standard.



سیم و کابل‌های ساختمانی





Building Wire & Cables

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## Power Cables (0.6-1)KV

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## MV & HV Power Cables

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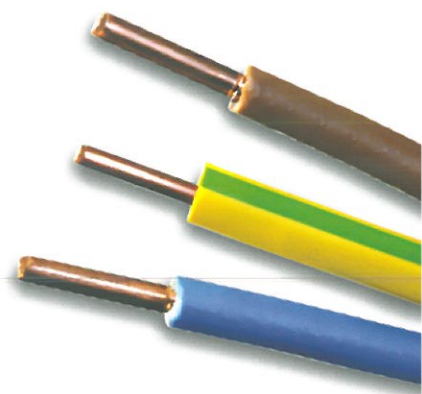
## Technical information & Tables



## Moghan Wire & Cable Co.

### Solid & Stranded Wire NYA

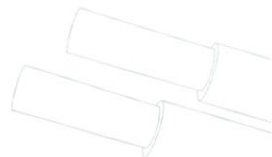
- **Rated Voltage :** 450/750V
- **Applicable Standard:** IEC 60227, IEC 60228, ISIRI (607)3
- **Code Designation According to ISIRI:** ( 607 ) 01
- **Construction :**  
Conductor: Plain annealed copper wire (class 1&2)  
Insulation Type: P.V.C / C
- **Maximum Conductor Temperature:** 70°C  
For Single Core Cables No Preferred Colour Scheme, Colour as Per Request
- **Application:** These Wires Are Used For General Purposes as Building, Lighting



No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x1.5 RE	0.7	2.8	20
1x1.5 RM	0.7	3.0	21
1x2.5 RE	0.8	3.4	32
1x2.5 RM	0.8	3.6	32
1x4 RE	0.8	3.9	47
1x4 RM	0.8	4.2	49
1x6 RE	0.8	4.4	67
1x6 RM	0.8	4.7	68
1x10 RE	1.0	5.6	111
1x10 RM	1.0	6.1	114
1x16 RM	1.0	7.0	171
1x25 RM	1.2	8.3	264
1x35 RM	1.2	9.4	361
1x50 RM	1.4	10.9	512
1x70 RM	1.4	12.7	704
1x95 RM	1.6	14.6	953
1x120 RM	1.6	16.2	1191
1x150 RM	1.8	17.8	1487
1x185 RM	2.0	20.0	1836
1x240 RM	2.2	22.5	2373
1x300 RM	2.4	25.1	2960
1x400 RM	2.6	28.8	3927

- **Rated Voltage:** 300/500V
- **Code Designation According to ISIRI:** ( 607 ) 05.

No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x0.5	0.6	2.0	9
1x0.75	0.6	2.2	12
1x1	0.6	2.3	15

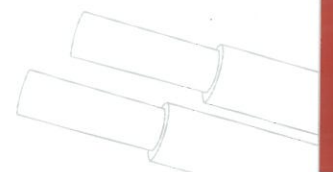




## Solid Wire

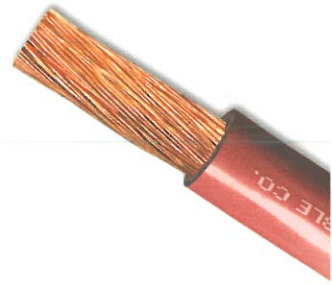
- **Rated Voltage :** 300/500V
- **Applicable Standard:** IEC 60227, IEC 60228, ISIRI (607) 3
- **Code Designation According to ISIRI:** ( 607 ) 07
- **Construction :**  
 Conductor: Plain annealed copper wire (class 1)  
 Insulation Type: P.V.C / E
- **Maximum Conductor Temperature:** 90°C  
 For Single Core Cables There Is No Preferred Colour Scheme, Colour as Per Request
- **Application:** In dry Indoors, In Electric Panel and Devices, Can Be Laid in Conduit Which Is Under or Over Plaster.

No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x0.5	0.6	2.0	8
1x0.75	0.6	2.2	11
1x1	0.6	2.3	13
1x1.5	0.7	2.8	20
1x2.5	0.8	3.4	32



**Flexible Wire NYAF - (H07V-K)**

- **Rated Voltage:** 450/750V
- **Applicable Standard:** IEC 60227, IEC 60228, ISIRI (607) 3
- **Code Designation According to ISIRI:** ( 607 ) 02
- **Construction :**  
 Conductor: Plain Annealed Copper Wire (Class 5)  
 Insulation Type: P.V.C / C
- **Maximum Conductor Temperature:** 70°C  
 For Single Core Cables No Preferred Colour Scheme, Colour as Per Request
- **Application:**  
 This Wire Is Used For The Wiring Of Switch Control, Relay and Instrument Panel Of Power Switch-Gear ,and Such Purpose as Internal Connections In Rectifier Equipment and In Motor Starters and Controllers, Where Operation at Temperature 70°



No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x1.5	0.7	2.9	20
1x2.5	0.8	3.6	33
1x4	0.8	4.2	48
1x6	0.8	5.1	70
1x10	1.0	6.6	115
1x16	1.0	7.9	175
1x25	1.2	9.8	273
1x35	1.2	11.2	370
1x50	1.4	13.4	527
1x70	1.4	15.4	720
1x95	1.6	17.7	975
1x120	1.6	19.9	1215
1x150	1.8	22.2	1521
1x185	2.0	24.3	1874
1x240	2.2	27.7	2422

- **Rated Voltage:** 300/500V
- **Code Designation According to ISIRI:** ( 607 ) 06.

No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x0.5	0.6	2.1	8
1x0.75	0.6	2.3	11
1x1	0.6	2.5	14



## Flexible Wire

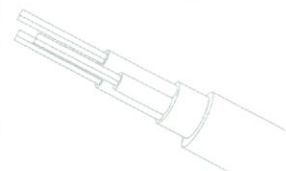
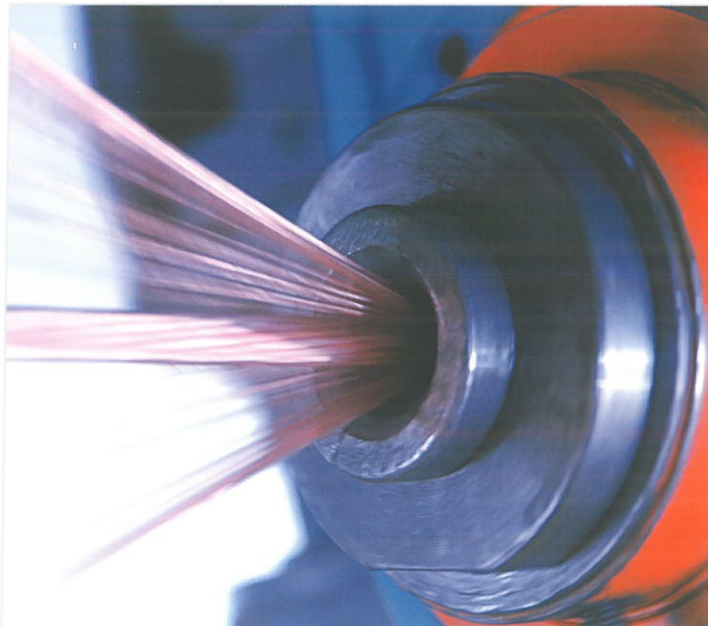
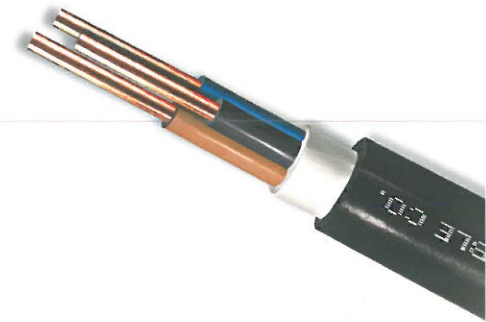
- ⦿ **Rated Voltage:** 300/500V
- ⦿ **Applicable Standard:** IEC 60227, IEC 60228, ISIRI (607)3
- ⦿ **Code Designation According to ISIRI:** ( 607 ) 08.
- ⦿ **Construction :**  
 Conductor: Plain annealed copper wire (class 5)  
 Insulation Type: P.V.C / E
- ⦿ **Maximum Conductor Temperature:** 90°C  
 For Single Core Cables There Is No Preferred Colour Scheme, Colour Is Per Request
- ⦿ **Application:** In Dry Indoors, In Electric Panel & Devices, Can Be Laid in Conduit Which Is Under or Over Plaster.

No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	kg/km
1x0.5	0.6	2.1	8
1x0.75	0.6	2.3	11
1x1	0.6	2.5	14
1x1.5	0.7	2.8	20
1x2.5	0.8	3.4	32



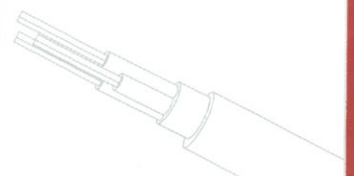
## Solid & Stranded Cables

- **Rated Voltage:** 300/500 V
- **Applicable Standard:** ISIRI 607-4 , IEC60227 , IEC60228
- **Code Designation according to ISIRI:** (607) 10
- **Construction :**
  - Conductor: Plain Annealed Copper Wire (class 1,2)
  - Insulation Type: P.V.C / C
  - Color Scheme:
    - 2 cores:no preferred color scheme.
    - 3 cores:Green/Yellow, Light Blue, Brown  
Grey, Black, Brown.
    - 4 cores:Green/Yellow, Light Blue, Grey, Black  
Light Blue, Black, Brown,Grey.
    - 5 cores:Green/Yellow,Light Blue,Black,Brown,Grey  
Light Blue,Black,Brown, Grey, Black.
  - Sheath Material: P.V.C/ST4
- **Maximum conductor temperature:** 70°C
- **Application:** For Industrial and Wiring Purposes in the Open, Dry, Damp and Wet Environment in the Open and Concealed, as Well as in Masonary and in Between, Not Suitable for Imbedding Solidified / Concrete.



## Solid & Stranded Cables

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Sheat Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	mm	kg/km
2x1.5 RM	0.7	1.2	9.1	122
2x1.5 RE	0.7	1.2	8.8	116
2x2.5 RM	0.8	1.2	10.4	167
2x2.5 RE	0.8	1.2	10.0	158
2x4 RM	0.8	1.2	11.5	218
2x4 RE	0.8	1.2	10.9	204
2x6 RM	0.8	1.2	12.6	280
2x6 RE	0.8	1.2	11.9	262
2x10 RM	1.0	1.4	16.1	461
2x10 RE	1.0	1.4	15.1	428
2x16	1.0	1.4	18.0	632
2x25	1.2	1.4	21.0	911
2x35	1.2	1.6	24.0	1237
3x1.5 RM	0.7	1.2	9.6	138
3x1.5 RE	0.7	1.2	9.2	130
3x2.5 RM	0.8	1.2	11.0	190
3x2.5 RE	0.8	1.2	10.5	180
3x4 RM	0.8	1.2	12.2	253
3x4 RE	0.8	1.2	11.5	239
3x6 RM	0.8	1.4	13.8	342
3x6 RE	0.8	1.4	13.0	325
3x10 RM	1.0	1.4	17.1	541
3x10 RE	1.0	1.4	16.0	512
3x16	1.0	1.4	19.5	771
3x25	1.2	1.6	22.7	1130
3x35	1.2	1.6	25.5	1502
4x1.5RM	0.7	1.2	10.4	164
4x1.5RE	0.7	1.2	9.9	155
4x2.5RM	0.8	1.2	11.9	230
4x2.5RE	0.8	1.2	11.4	221
4x4 RM	0.8	1.4	13.6	321
4x4 RE	0.8	1.4	12.9	307
4x6 RM	0.8	1.4	15.4	437
4x6 RE	0.8	1.4	14.6	420
4x10 RM	1.0	1.4	18.6	672
4x10 RE	1.0	1.4	17.5	643
4x16	1.0	1.4	21.3	968
4x25	1.2	1.6	25.3	1454
4x35	1.2	1.6	27.9	1901
5x1.5RM	0.7	1.2	11.2	202
5x1.5RE	0.7	1.2	10.7	192
5x2.5RM	0.8	1.2	12.9	286
5x2.5ER	0.8	1.2	12.3	273
5x4 RM	0.8	1.4	15.2	416
5x4 ER	0.8	1.4	14.4	396
5x6 RM	0.8	1.4	16.7	544
5x6 RE	0.8	1.4	15.8	521
5x10 RM	1.0	1.4	20.3	843
5x10 RE	1.0	1.4	19.0	803
5x16	1.0	1.6	23.7	1241
5x25	1.2	1.6	27.6	1827
5x35	1.2	1.6	31.0	2432



## Flexible Cables : NYMHY

- Rated Voltage: 300/500 V
- Applicable Standard: IEC 60227, IEC 60228
- Code Designation according to ISIRI: (607) 53

### Construction :

Conductor: Plain Annealed Copper Wire (class 5)

Insulation Type: P.V.C / D

Color Scheme:

2 cores: no preferred color scheme.

3 cores: Green/Yellow, Light Blue, Brown  
Grey, Black, Brown.

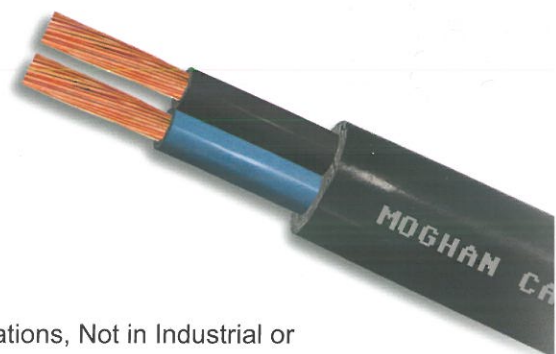
4 cores: Green/Yellow, Light Blue, Grey, Black  
Light Blue, Black, Brown, Grey.

5 cores: Green/Yellow, Light Blue, Black, Brown, Grey  
Light Blue, Black, Brown, Grey, Black.

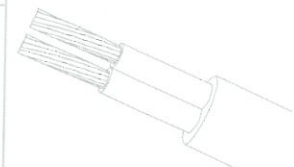
Sheath Material: P.V.C/ST5

- Maximum conductor temperature: 70°C

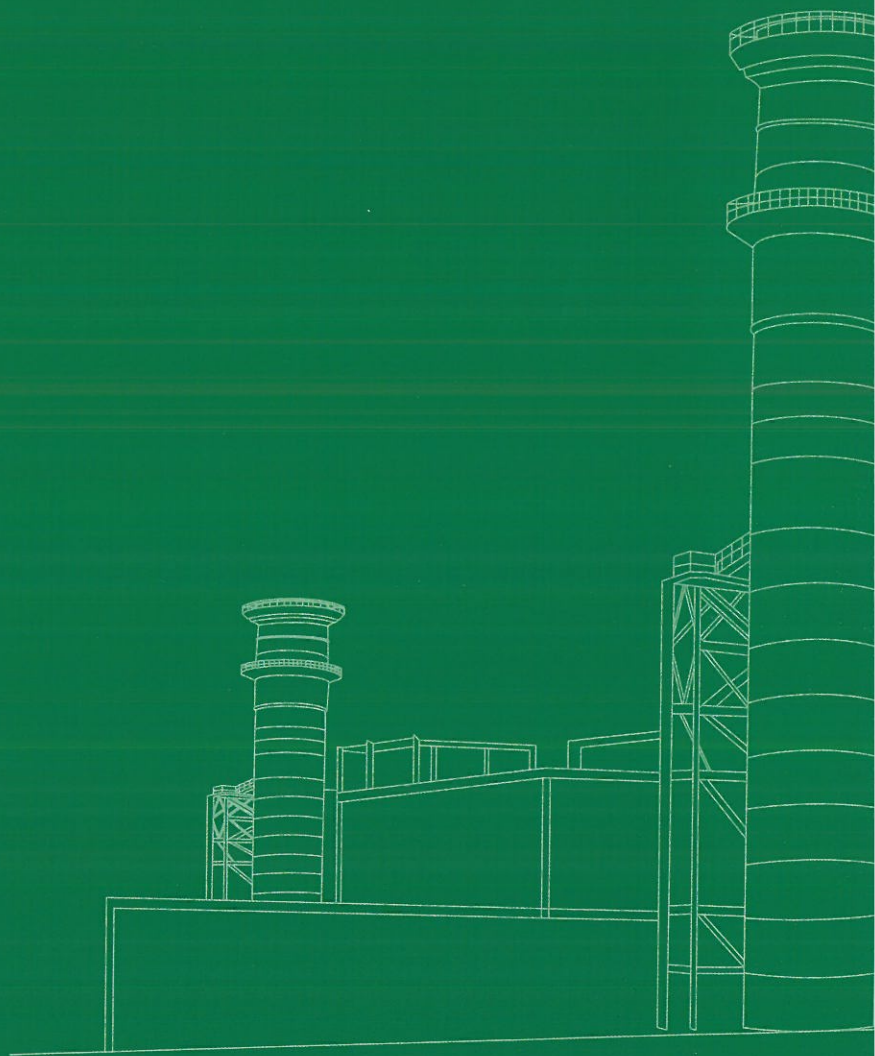
- Application: In Dry Locations; Also in Damp and Wet Locations, Not in Industrial or Agricultural Premises, But Permitted in Tailors Shops and Similar Premises. Permitted for Connecting Cooking and Heating Appliances Only if There is No Possibility of Contact Between the Cable and Hot Parts of the Appliance or Other Sources of Heat.



Nominal Insulation Cross Section	No. of Cores & Thickness	Nominal Sheath Thickness	Overall diameter (Approx)	Total weight (Approx)
mm <sup>2</sup>	mm	mm	mm	kg/km
2x0.75	0.6	0.8	6.3	56
2x1	0.6	0.8	6.6	64
2x1.5	0.7	0.8	7.4	84
2x2.5	0.8	1.0	9.0	129
3x0.75	0.6	0.8	6.7	67
3x1	0.6	0.8	7.0	77
3x1.5	0.7	0.9	8.1	107
3x2.5	0.8	1.1	9.8	164
4x0.75	0.6	0.8	7.3	82
4x1	0.6	0.9	7.9	99
4x1.5	0.7	1.0	9.0	136
4x2.5	0.8	1.1	10.7	204
5x0.75	0.6	0.9	8.1	43.89
5x1	0.6	0.9	8.6	47.94
5x1.5	0.7	1.1	10.1	67
5x2.5	0.8	1.2	11.9	90.67



کابل‌های قدرت (۱-۰/۶) کیلوولت





Power Cables (0.6-1)KV

2



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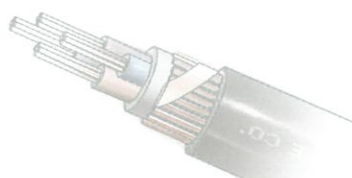
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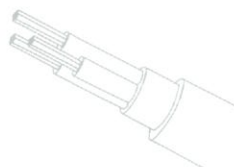
## Power Cable NYY

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, IEC 60228, ISIRI 3569-1
- **Construction :**  
 CU/PVC/PVC  
 Conductor: Plain Annealed copper wire (class 1,2,5)  
 Insulation Type: P.V.C / A  
 Filling Material: P.V.C  
 Sheath Material: P.V.C - ST1
- **Maximum Conductor Temperature:** 70°C
- **Application:**  
 Low Voltage Power Cable For Indoor and Outdoor and Under Ground As Well As In Cable Duct.



No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	mm	kg/km
1x1.5 RE/RM	0.8	1.4	5.8	49
1x2.5 RE/RM	0.8	1.4	6.2	61
1x4 RE/RM	1	1.4	7.1	85
1x6 RE/RM	1	1.4	7.6	108
1x10 RE/RM	1	1.4	8.4	151
1x16 RM	1	1.4	9.8	217
1x25 RM	1.2	1.4	11.1	316
1x35 RM	1.2	1.4	12.2	413
1x50 RM	1.4	1.4	13.7	545
1x70 RM	1.4	1.4	15.5	748
1x95 RM	1.6	1.5	17.6	1019
1x120 RM	1.6	1.6	19.4	1264
1x150 RM	1.8	1.6	21.0	1541
1x185 RM	2	1.7	23.4	1919
1x240 RM	2.2	1.8	26.1	2489
1x300 RM	2.4	1.9	28.9	3100
1x400 RM	2.6	2	32.8	3939
2x1.5 RE/RM	0.8	1.8	11.6	184
2x2.5 RE/RM	0.8	1.8	12.4	222
2x4 RE/RM	1	1.8	14.1	299
2x6 RE/RM	1	1.8	15.1	363
2x10 RE/RM	1	1.8	16.7	485
2x16 RM	1	1.8	19.6	691
2x25 RM	1.2	1.8	22.2	964
2x35 RM	1.2	1.8	24.4	1230
2x50 RM	1.4	1.8	27.4	1600
2x70 RM	1.4	2	31.8	2216
2x95 RM	1.6	2.1	35.8	2941
2x120 RM	1.6	2.2	39.2	3601
2x150 RM	1.8	2.3	43.0	4404
2x185 RM	2	2.5	47.8	5465
2x240 RM	2.2	2.7	53.2	6991
2x300 RM	2.4	2.9	59.2	8715

On request, Aluminium Conductor is also available

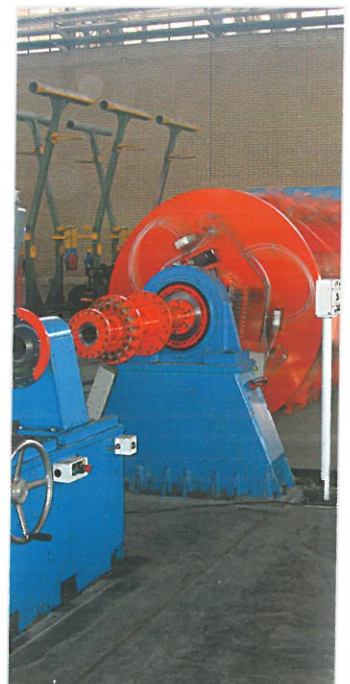




## Power Cable NYY

Nominal Insulation Cross Section	No. of Cores & Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	mm	kg/km
3x1.5 RE/RM	0.8	1.8	12.0	206
3x2.5 RE/RM	0.8	1.8	12.9	254
3x4 RE/RM	1	1.8	14.8	350
3x6 RE/RM	1	1.8	15.9	434
3x10 RE/RM	1	1.8	17.6	592
3x16 RM	1	1.8	20.7	850
3x25 RM	1.2	1.8	23.5	1210
3x35 RM	1.2	1.8	25.9	1562
3x50 SM	1.4	1.8	25.9	1815
3x70 SM	1.4	2	29.2	2436
3x95 SM	1.6	2.1	33.3	3242
3x120SM	1.6	2.2	36.1	3990
3x150SM	1.8	2.3	40.1	4948
3x185SM	2	2.5	44.4	6080
3x240SM	2.2	2.7	49.8	7802
3x300SM	2.4	2.9	52.4	9639
4x1.5 RE/RM	0.8	1.8	12.8	240
4x2.5 RE/RM	0.8	1.8	13.8	300
4x4 RE/RM	1	1.8	15.9	419
4x6 RE/RM	1	1.8	17.1	524
4x10 RE/RM	1	1.8	19.1	730
4x16 RM	1	1.8	22.5	1053
4x25 RM	1.2	1.8	25.7	1519
4x35 RM	1.2	1.9	28.5	1979
4x50 SM	1.4	1.8	27.1	2144
4x70 SM	1.4	1.9	30.7	2967
4x95 SM	1.6	2.1	35.4	4074
4x120SM	1.6	2.2	38.6	5038
4x150SM	1.8	2.3	42.6	6201
4x185SM	2	2.5	47.2	7737
4x240SM	2.2	2.7	53.3	10076
4x300SM	2.4	2.9	58.7	12561
4x400SM	2.6	3.1	66.9	16018
5x1.5 RE/RM	0.8	1.8	13.6	277
5x2.5 RE/RM	0.8	1.8	14.7	349
5x4 RE/RM	1	1.8	17.1	495
5x6 RE/RM	1	1.8	18.5	628
5x10 RE/RM	1	1.8	20.6	875
5x16 RM	1	1.8	24.5	1277
5x25 RM	1.2	1.9	28.2	1861
5x35 RM	1.2	2	31.8	2470
5x50 RM	1.4	2.1	36.0	3260
5x70 RM	1.4	2.3	41.3	4488
5x95 RM	1.6	2.5	47.2	6101
5x120RM	1.6	2.6	51.7	7503
5x150RM	1.8	2.8	56.9	9225
5x185RM	2	3	63.2	11451
3x25+16 RM	1.2 1	1.8	24.9	1400
3x35+16 RM	1.2 1	1.8	26.9	1717
3x50+25 SM	1.4 1.2	1.8	26.4	1914
3x70+35 SM	1.4 1.2	1.9	29.4	2630
3x95+50 SM	1.6 1.4	2	34.0	3604
3x120+70 SM	1.6 1.4	2.1	36.8	4525
3x150+70 SM	1.8 1.4	2.3	41.0	5679
3x185+95 SM	2 1.6	2.4	45.2	7061
3x240+120 SM	2.2 1.6	2.6	51.1	9120
3x300+150 SM	2.4 1.8	2.8	56.8	11380
3x400+185 SM	2.6 2	3	64.4	13790

On request, Aluminium Conductor is also available



NYN

N2XY

N2XH

NYCY

N2XCY

NYRY

N2BY

N2XRY

N2XBY

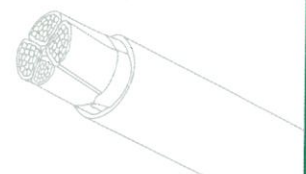
N2XHRH

NYCYR

N2XCORY

NYKYRY

N2XKYRY



## Power Cable N2XY

- Rated Voltage: 0.6/1 KV
- Applicable Standard: IEC 60502-1, IEC 60228, ISIRI 3569-1

- Construction :**  
 CU/XLPE/PVC/PVC  
 Conductor: Plain Annealed Copper Wire (class 1,2)  
 Insulation Type: XLPE  
 Filling Material: PVC  
 Sheath Material: PVC 90 -ST2

- Maximum Conductor Temperature: 90°C

- Application:**  
 For Outdoors And Indoors Installation, In Damp And Wet Locations Laid Direct In The Ground (When Properly Protected) In Ducts, In Trenches And In Steel And In Steel Support Brackets.

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	mm	kg/km
1x1.5 RE/RM	0.7	1.4	5.6	45
1x2.5 RE/RM	0.7	1.4	6	56
1x4 RE/RM	0.7	1.4	6.5	74
1x6 RE/RM	0.7	1.4	7	95
1x10 RE/RM	0.7	1.4	7.8	137
1x16 RM	0.7	1.4	9.2	199
1x25 RM	0.9	1.4	10.5	294
1x35 RM	0.9	1.4	11.6	389
1x50 RM	1	1.4	12.9	510
1x70 RM	1.1	1.4	14.9	713
1x95 RM	1.1	1.5	16.6	964
1x120 RM	1.2	1.5	18.4	1201
1x150 RM	1.4	1.6	20.2	1477
1x185 RM	1.6	1.7	22.6	1843
1x240 RM	1.7	1.8	25.1	2390
1x300 RM	1.8	1.8	27.5	2962
1x400 RM	2	2	31.6	3789
2x1.5 RE/RM	0.7	1.8	11.2	161
2x2.5 RE/RM	0.7	1.8	12	195
2x4 RE/RM	0.7	1.8	12.9	241
2x6 RE/RM	0.7	1.8	13.9	299
2x10 RE/RM	0.7	1.8	15.5	409
2x16 RM	0.7	1.8	18.4	592
2x25 RM	0.9	1.8	21	841
2x35 RM	0.9	1.8	23.2	1084
2x50 RM	1	1.8	25.8	1400
2x70 RM	1.1	1.9	30	1947
2x95 RM	1.1	2	33.6	2588
2x120 RM	1.2	2.2	37.6	3242
2x150 RM	1.4	2.3	41	3942
2x185 RM	1.6	2.4	46	4936
2x240 RM	1.7	2.6	51	6311
2x300 RM	1.8	2.8	56.6	7855

On request, Aluminium Conductor is also available



N2XY



## Power Cable N2XY

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm <sup>2</sup>	mm	mm	mm	kg/km
3x1.5 RE/RM	0.7	1.8	11.6	180
3x2.5 RE/RM	0.7	1.8	12.5	224
3x4 RE/RM	0.7	1.8	13.5	284
3x6 RE/RM	0.7	1.8	14.6	361
3x10 RE/RM	0.7	1.8	16.3	505
3x16 RM	0.7	1.8	19.4	739
3x25 RM	0.9	1.8	22.2	1069
3x35 RM	0.9	1.8	24.6	1397
3x50 SM	1	1.8	24.1	1674
3x70 SM	1.1	1.9	27.7	2279
3x95 SM	1.1	2	30.9	3007
3x120 SM	1.2	2.1	34.2	3753
3x150 SM	1.4	2.3	38.3	4684
3x185 SM	1.6	2.4	42.4	5746
3x240 SM	1.7	2.6	47.4	7372
3x300 SM	1.8	2.8	49.4	9103
4x1.5 RE/RM	0.7	1.8	12.3	208
4x2.5 RE/RM	0.7	1.8	13.3	263
4x4 RE/RM	0.7	1.8	14.5	342
4x6 RE/RM	0.7	1.8	15.7	438
4x10 RE/RM	0.7	1.8	17.6	623
4x16 RM	0.7	1.8	21.1	920
4x25 RM	0.9	1.8	24.2	1344
4x35 RM	0.9	1.8	26.9	1767
4x50 SM	1	1.8	25.1	1952
4x70 SM	1.1	1.9	29.2	2761
4x95 SM	1.1	2	32.8	3747
4x120 SM	1.2	2.1	36.5	4697
4x150 SM	1.4	2.3	40.7	5811
4x185 SM	1.6	2.4	45.0	7237
4x240 SM	1.7	2.6	50.7	9431
4x300 SM	1.8	2.7	55.4	11726
4x400 SM	2	3	63.8	15021
5x1.5 RE/RM	0.7	1.8	13.1	241
5x2.5 RE/RM	0.7	1.8	14.2	309
5x4 RE/RM	0.7	1.8	15.5	405
5x6 RE/RM	0.7	1.8	16.8	523
5x10 RE/RM	0.7	1.8	19.0	758
5x16 RM	0.7	1.8	22.9	1128
5x25 RM	0.9	1.8	26.4	1661
5x35 RM	0.9	1.9	29.6	2207
5x50 RM	1	2	33.7	2938
5x70 RM	1.1	2.2	39.5	4141
5x95 RM	1.1	2.4	44.3	5573
5x120 RM	1.2	2.6	49.6	6986
5x150 RM	1.4	2.7	54.5	8579
5x185 RM	1.6	2.9	60.8	10685
3x25+16 RM	0.9	0.7	1.8	1256
3x35+16 RM	0.9	0.7	1.8	1552
3x50+25 SM	1	0.9	1.8	1774
3x70+35 SM	1.1	0.9	1.9	2482
3x95+50 SM	1.1	1	2	3365
3x120+70 SM	1.2	1.1	2.1	4290
3x150+70 SM	1.4	1.1	2.2	5381
3x185+95 SM	1.6	1.1	2.4	6716
3x240+120 SM	1.7	1.2	2.5	8661
3x300+150 SM	1.8	1.4	2.7	10805
3x400+185 SM	2	1.6	2.9	13346



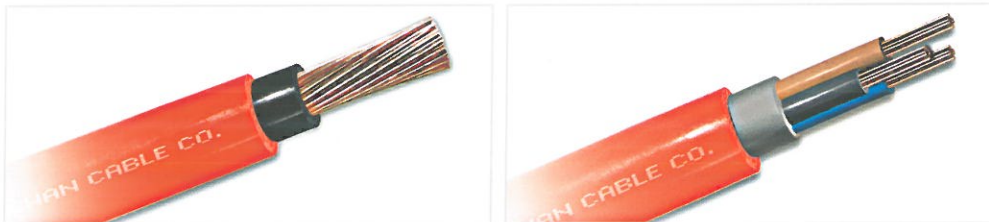
On request, Aluminium Conductor is also available

N2XY

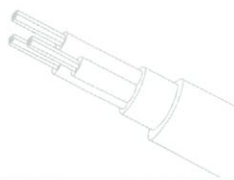


## Power Cable N2XH

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, ISIRI 3569-1
- **Construction :**  
 CU/MGT/PET/XLPE/HFSL/HFSL  
 Conductor: Plain Annealed copper wire (class 2)  
 Flam barrier: Mica glass tape  
 Insulation Type: XLPE  
 Inner sheath: Halogen free, Low smoke, Flame retardant – HFSL  
 Outer sheath: Halogen free, Low smoke, Flame retardant – HFSL
- **Technical data:**
  - 1) Temperature: -30°C to + 90°C
  - 2) Maximum short circuit temperature: 250°C (5 seconds Max.)
  - 3) Conductor resistance: As per class 2 of IEC 60228
  - 4) Test voltage: 3.5 kv rms or 8.4 kvdc for 5 minutes
  - 5) Flame retardant test: Acc. IEC 60332-1
  - 6) Flam propagation test: Acc. IEC 60332-3
  - 7) Fire resistance test: Acc. IEC 60331-21
  - 8) Smoke density test: Acc. IEC 61034
  - 9) Halogen content test: Acc. IEC 60754-2
- **Application:**  
 These cables can be used for electricity supply and control in public network and industrial plants or public buildings, where people are potentially endangered in case of fire and where, for a defined period of time, the continuity of control and energy supply is of vital necessity.



No. of Cores & Cross Section	No. strand x diameter	Nominal insulation thickness	Nominal sheath thickness	Overall Diameter (Approx. )	Total Weight (Approx. )
mm <sup>2</sup>	No. x mm	mm	mm	mm	kg/km
2x1.5 RM	7x0.53	0.7	1.8	12.4	170
2x2.5 RM	7x0.67	0.7	1.8	13.2	230
2x4 RM	7x0.85	0.7	1.8	14.4	282
2x5 RM	7x1.04	0.7	1.8	15.4	344
3x1.5 RM	7x0.53	0.7	1.8	13.0	222
3x2.5 RM	7x0.67	0.7	1.8	13.9	264
3x4 RM	7x0.85	0.7	1.8	15.2	332
3x6 RM	7x1.04	0.7	1.8	16.4	404
4x1.5 RM	7x0.53	0.7	1.8	14.0	242
4x2.5 RM	7x0.67	0.7	1.8	15.0	288
4x4 RM	7x0.85	0.7	1.8	16.5	378
4x6 RM	7x1.04	0.7	1.8	17.7	472
5x1.5 RM	7x0.53	0.7	1.8	15.2	286
5x2.5 RM	7x0.67	0.7	1.8	16.3	344
5x4 RM	7x0.85	0.7	1.8	18.0	424
5x6 RM	7x1.04	0.7	1.8	19.4	555
7x1.5 RM	7x0.53	0.7	1.8	16.0	300
10x1.5 RM	7x0.53	0.7	1.8	20.0	412
12x1.5 RM	7x0.53	0.7	1.8	20.6	450
19x1.5 RM	7x0.53	0.7	1.8	24.3	605



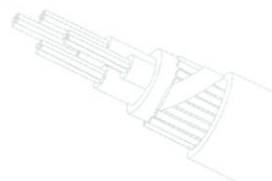


# Moghan Wire & Cable Co.

## Concentric Power Cable NYCY

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Nominal Concentric Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
1x1.5RE or RM/1.5	0.8	0	0.5	1.4	7.0	77
1x2.5RE or RM/2.5	0.8	0	0.5	1.4	7.4	98
1x4RE or RM/4	1	0	0.8	1.4	8.9	142
1x6RE or RM/6	1	0	0.8	1.4	9.8	191
1x10RE or RM/10	1	0	0.8	1.4	10.2	264
1x16 RM/16	1	0	0.8	1.4	11.6	387
1x25 RM/25	1.2	0	0.9	1.4	13.1	569
1x35 RM/35	1.2	0	0.9	1.4	14.2	759
1x50 RM/50	1.4	0	0.9	1.5	15.9	998
2x1.5RE or RM/1.5	0.8	1	0.5	1.8	12.8	221
2x2.5RE or RM/2.5	0.8	1	0.5	1.8	13.6	269
2x4RE or RM/4	1	1	0.8	1.8	15.9	367
2x6RE or RM/6	1	1	0.8	1.8	16.9	451
2x10RE or RM/10	1	1	0.8	1.8	18.5	612
2x16 RM/16	1	1	0.8	1.8	21.4	876
2x25 RM/25	1.2	1	0.9	1.8	24.2	1234
2x35 RM/35	1.2	1	0.9	1.8	26.4	1595
2x50 RM/2x50	1.4	1	0.9	1.9	29.6	2081
3x1.5RE or RM/1.5	0.8	1	0.5	1.8	13.2	243
3x2.5RE or RM/2.5	0.8	1	0.5	1.8	14.1	301
3x4RE or RM/4	1	1	0.8	1.8	16.6	419
3x6RE or RM/6	1	1	0.8	1.8	17.7	523
3x10RE or RM/10	1	1	0.8	1.8	19.4	720
3x16 RM/16	1	1	0.8	1.8	22.5	1037
3x25 RM/25	1.2	1	0.8	1.8	25.3	1433
3x35 RM/35	1.2	1	0.9	1.9	28.1	1942
3x50 RM/50	1.4	1	0.9	2	31.5	2484
4x1.5RE or RM/1.5	0.8	1	0.5	1.8	14.0	269
4x2.5RE or RM/2.5	0.8	1	0.5	1.8	15.0	338
4x4RE or RM/4	1	1	0.8	1.8	17.7	474
4x6RE or RM/6	1	1	0.8	1.8	18.9	597
4x10RE or RM/10	1	1	0.8	1.8	20.9	838
4x16 RM/16	1	1	0.8	1.8	24.3	1210
4x25 RM/25	1.2	1	0.9	1.8	27.7	1752
4x35 RM/35	1.2	1	0.9	1.8	27.7	2089
4x50 RM/50	1.4	1	0.9	2	31.5	2771
5x1.5RE or RM/1.5	0.8	1	0.5	1.8	14.8	305
5x2.5RE or RM/2.5	0.8	1	0.5	1.8	15.9	386
5x4RE or RM/4	1	1	0.8	1.8	18.9	550
5x6RE or RM/6	1	1	0.8	1.8	20.3	699
5x10RE or RM/10	1	1	0.8	1.8	22.4	981
5x16 RM/16	1	1	0.8	1.8	26.3	1431
5x25 RM/25	1.2	1	0.9	1.9	30.2	2091
5x35 RM/35	1.2	1.2	0.9	2	33.8	2782
5x50 RM/50	1.4	1.2	0.9	2.2	38.2	3676
3x25+16 RM/16	1.2	1	1	1.8	26.7	1554
3x35+16 RM/16	1.2	1	1	1.9	28.9	1885
3x50+25 SM/25	1.4	1.2	1	1.8	30.4	2319
3x70+35 SM/35	1.4	1.2	1.2	1.9	33.7	3169
3x95+50 SM/50	1.6	1.4	1.2	2	38.4	4279

On request, Aluminium Conductor is also available

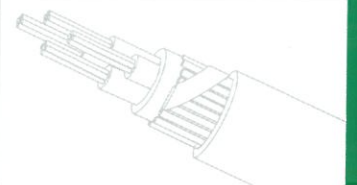
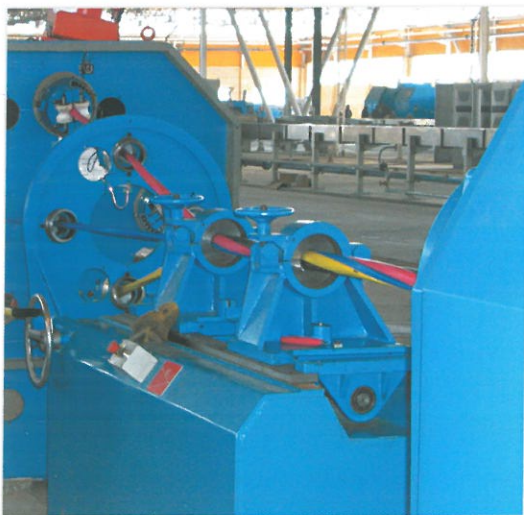
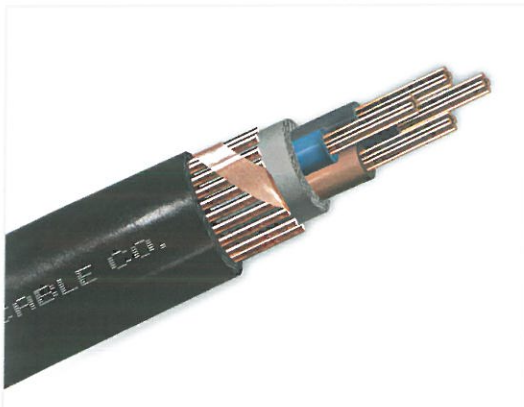




## Concentric Power Cable N2XCY

- Rated Voltage: 0.6/1 KV
- Applicable Standard: IEC 60502-1, IEC 60228, ISIRI 3569-1
- Construction :**
  - CU/XLPE/PVC/CWS/PVC
  - Conductor: Plain Annealed Copper Wire (class 1,2)
  - Insulation Type: XLPE
  - Bedding Material: PVC
  - Concentric material: Copper Wire + Copper Tape
  - Sheath Material: PVC 90 - ST2
- Maximum Conductor Temperature:** 90°C
- Application:**

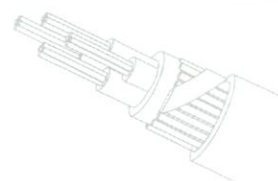
For Outdoor Installation In Damp And Wet Location, Laid Direct In, The Ground Where Excessive Mechanical Stresses Are Required In Sloping And Movable Terrains And In Vertical Or Inclined Laying , As Well As In Locations Susceptible To Sliding.



## Concentric Power Cable N2XCY

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Nominal Concentric Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
1x1.5RE or RM/1.5	0.7	0	0.5	1.4	6.8	81
1x2.5RE or RM/2.5	0.7	0	0.5	1.4	7.2	104
1x4RE or RM/4	0.7	0	0.8	1.4	8.3	148
1x6RE or RM/6	0.7	0	0.8	1.4	8.8	190
1x10RE or RM/10	0.7	0	0.8	1.4	9.6	273
1x16 RM/16	0.7	0	0.8	1.4	11.0	398
1x25 RM/25	0.9	0	0.9	1.4	12.5	585
1x35 RM/35	0.9	0	0.9	1.4	13.6	778
1x50 RM/50	1	0	0.9	1.4	14.9	1005
2x1.5RE or RM/1.5	0.7	1	0.5	1.8	12.4	220
2x2.5RE or RM/2.5	0.7	1	0.5	1.8	13.2	266
2x4RE or RM/4	0.7	1	0.8	1.8	14.7	351
2x6RE or RM/6	0.7	1	0.8	1.8	15.7	433
2x10RE or RM/10	0.7	1	0.8	1.8	17.3	590
2x16 RM/16	0.7	1	0.8	1.8	20.2	846
2x25 RM/25	0.9	1	0.9	1.8	23.0	1201
2x35 RM/35	0.9	1	0.9	1.8	25.2	1554
2x50 RM/50	1	1	0.9	1.8	27.8	1987
3x1.5RE or RM/1.5	0.7	1	0.5	1.8	12.8	241
3x2.5RE or RM/2.5	0.7	1	0.5	1.8	13.7	298
3x4RE or RM/4	0.7	1	0.8	1.8	15.3	398
3x6RE or RM/6	0.7	1	0.8	1.8	16.4	500
3x10RE or RM/10	0.7	1	0.8	1.8	18.1	693
3x16 RM/16	0.7	1	0.8	1.8	21.2	1000
3x25 RM/16	0.9	1	0.8	1.8	24.0	1383
3x35 RM/35	0.9	1	0.9	1.8	26.6	1880
3x35 RM/16	0.9	1	0.9	1.8	23.8	1592
3x50 RM/50	1	1	0.9	1.9	29.6	2436
3x50 RM/16	1	1	0.9	1.8	26.2	2067
4x1.5RE or RM/1.5	0.7	1	0.5	1.8	13.5	272
4x2.5RE or RM/2.5	0.7	1	0.5	1.8	14.5	341
4x4RE or RM/4	0.7	1	0.8	1.8	16.3	462
4x6RE or RM/6	0.7	1	0.8	1.8	17.5	584
4x10RE or RM/10	0.7	1	0.8	1.8	19.4	819
4x16 RM/16	0.7	1	0.8	1.8	22.9	1194
4x25 RM/16	0.9	1	0.9	1.8	26.2	1732
4x35 RM/35	0.9	1	0.9	1.9	29.1	2284
4x50 RM/50	1	1	0.9	1.9	29.3	2584
5x1.5RE or RM/1.5	0.7	1	0.5	1.8	14.3	308
5x2.5RE or RM/2.5	0.7	1	0.5	1.8	15.4	389
5x4RE or RM/4	0.7	1	0.8	1.8	17.3	528
5x6RE or RM/6	0.7	1	0.8	1.8	18.6	671
5x10RE or RM/10	0.7	1	0.8	1.8	20.8	955
5x16 RM/16	0.7	1	0.8	1.8	24.7	1400
5x25 RM/16	0.9	1	0.9	1.9	28.6	2059
5x35 RM/35	0.9	1.2	0.9	2.0	32.2	2746
5x50 RM/50	1	1.2	0.9	2.1	35.9	3572
3x25+16 RM/16	0.9 0.7	1	0.8	1.8	25.3	1532
3x35+16 RM/16	0.9 0.7	1	0.8	1.8	27.2	1839
3x50+25 SM/25	1 0.9	1	0.9	1.8	28.5	1360
3x70+35 SM/35	1.1 0.9	1.2	0.9	1.9	32.4	3023
3x95+50 SM/50	1.1 1	1.2	0.9	2	36.1	4037

On request, Aluminium Conductor is also available



## Armoured Power Cable NYRY

**Rated Voltage:** 0.6/1 KV

**Applicable Standard:** IEC 60502-1, IEC 60228, ISIRI 3569-1

**Construction :**

CU/PVC/SWA or AWA/PVC

Conductor: Plain Annealed Copper Wire (class 1,2)

Insulation Type: P.V.C / A

Bedding Material: P.V.C

Armour material: Galvanized Steel Wire/Aluminium Wire

Sheath Material: PVC - ST1

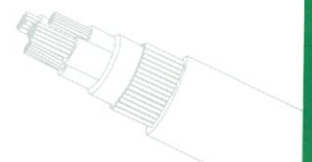
**Maximum Conductor Temperature:** 70°C

**Application:**

For Outdoor And Indoor Installation and Wet Location Laid Direct To The Ground, Where Mechanical Damages Are Expected To Occur.

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
1x25 RM	1.2	1	1.25	1.4	15.6	475
1x35 RM	1.2	1	1.25	1.5	16.9	595
1x50 RM	1.4	1	1.25	1.5	18.4	744
1x70 RM	1.4	1	1.25	1.6	20.4	983
1x95 RM	1.6	1	1.6	1.7	23.2	1329
1x120 RM	1.6	1	1.6	1.7	24.8	1591
1x150 RM	1.8	1	1.6	1.8	26.6	1904
1x185 RM	2	1	1.6	1.9	29.0	2319
1x240 RM	2.2	1	1.6	2.0	31.7	2933
1x300 RM	2.4	1.2	2	2.1	35.7	3703
1x400 RM	2.6	1.2	2	2.2	39.6	4612
2x1.5 RE/RM	0.8	1	0.9	1.8	13.4	332
2x2.5 RE/RM	0.8	1	0.9	1.8	14.2	383
2x4 RE/RM	1	1	1.25	1.8	16.6	568
2x6 RE/RM	1	1	1.25	1.8	17.6	650
2x10 RE/RM	1	1	1.25	1.8	19.2	806
2x16 RM	1	1	1.6	1.8	22.8	1181
2x25 RM	1.2	1	1.6	1.8	25.4	1525
2x35 RM	1.2	1	1.6	1.8	27.6	1861
2x50 RM	1.4	1	1.6	1.9	30.8	2311
2x70 RM	1.4	1.2	2	2.1	36.0	3254
2x95 RM	1.6	1.2	2	2.2	40.0	4109
2x120 RM	1.6	1.2	2	2.4	43.6	4895
2x150 RM	1.8	1.4	2.5	2.5	48.4	6209
2x185 RM	2	1.4	2.5	2.7	53.2	7437
2x240 RM	2.2	1.4	2.5	2.8	58.4	9132
2x300 RM	2.4	1.6	2.5	3.0	64.4	11074
3x1.5 RE/RM	0.8	1	0.9	1.8	13.8	363
3x2.5 RE/RM	0.8	1	0.9	1.8	14.7	420
3x4 RE/RM	1	1	1.25	1.8	17.3	630
3x6 RE/RM	1	1	1.25	1.8	18.4	741
3x10 RE/RM	1	1	1.25	1.8	20.1	934
3x16 RM	1	1	1.6	1.8	23.9	1391
3x25 RM	1.2	1	1.6	1.8	26.7	1822
3x35 RM	1.2	1	1.6	1.9	29.3	2243
3x50 SM	1.4	1	1.6	2.0	31.5	2802
3x70 SM	1.4	1.2	1.6	2.1	35.8	3812
3x95 SM	1.6	1.2	1.6	2.1	39.9	4776

On request, Aluminium Conductor is also available





## Tape Armoured Power Cable NYBY

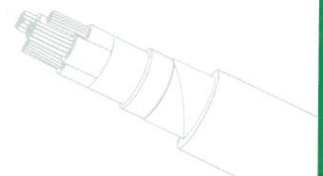
- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, IEC 60228, VDE 0295, ISIRI 3569-1
- **Construction :**
  - CU/PVC/Bd/STA or ATA/PVC
  - Conductor: Plain Annealed Copper Wire (class 1,2)
  - Insulation Type: P.V.C
  - Bedding Material: P.V.C
  - Armour material: Galvanized Steel Tape / Aluminium tape
  - Sheath Material: PVC
- **Maximum Conductor Temperature:** 70°C
- **Application:**  
For Outdoor And Indoor Installation and Wet Location Laid Direct To The Ground , Where Mechanical Damages Are Expected To Occur.



No. of Cores & Cross Section	Nominal Insulation Thickness	Armour Tape Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	kg/km
1x35 RM	1.2	0.5	1.5	18.0	588
1x50 RM	1.4	0.5	1.6	19.7	745
1x70 RM	1.4	0.5	1.6	21.5	970
1x95 RM	1.6	0.5	1.7	23.6	1266
1x120 RM	1.6	0.5	1.8	25.4	1532
1x150 RM	1.8	0.5	1.8	27.0	1828
1x185 RM	2	0.5	1.9	29.4	2235
1x240 RM	2.2	0.5	2	32.1	2837
1x300 RM	2.4	0.5	2.1	34.9	3481
1x400 RM	2.6	0.5	2.2	39.2	4402
2x1.5 RE/RM	0.8	0.2	1.8	13.4	256
2x2.5 RE/RM	0.8	0.2	1.8	14.2	297
2x4 RE/RM	1	0.2	1.8	15.9	382
2x6 RE/RM	1	0.2	1.8	16.9	451
2x10 RE/RM	1	0.2	1.8	18.5	579
2x16 RM	1	0.2	1.8	21.4	794
2x25 RM	1.2	0.2	1.8	24.0	1074
2x35 RM	1.2	0.2	1.8	26.2	1342
2x50 RM	1.4	0.2	1.9	29.4	1729
2x70 RM	1.4	0.2	2	33.2	2301
2x95 RM	1.6	0.2	2.2	37.8	3070
2x120 RM	1.6	0.5	2.3	43.0	4149
2x150 RM	1.8	0.5	2.5	46.6	4956
2x185 RM	2	0.5	2.6	51.6	6080
2x240 RM	2.2	0.5	2.8	57.0	7634
2x300 RM	2.4	0.5	3	63.0	9383
3x1.5 RE/RM	0.8	0.2	1.8	13.8	280
3x2.5 RE/RM	0.8	0.2	1.8	14.7	333
3x4 RE/RM	1	0.2	1.8	16.6	439
3x6 RE/RM	1	0.2	1.8	17.7	528
3x10 RE/RM	1	0.2	1.8	19.4	691
3x16 RM	1	0.2	1.8	22.5	961
3x25 RM	1.2	0.2	1.8	25.3	1328
3x35 RM	1.2	0.2	1.8	27.7	1684
3x50 SM	1.4	0.2	1.9	29.3	2173
3x70 SM	1.4	0.2	2.0	32.4	2821
3x95 SM	1.6	0.5	2.2	37.9	4079
3x120 SM	1.6	0.5	2.3	40.7	4895
3x150 SM	1.8	0.5	2.4	45.1	5995
3x185 SM	2	0.5	2.6	49.4	7230
3x240 SM	2.2	0.5	2.8	55.0	9116

On request, Aluminium Conductor is also available

NYBY





## Armoured Power Cable N2XRY

- Rated Voltage: 0.6/1 KV
- Applicable Standard: IEC 60502-1, IEC 60228, ISIRI 3569-1

### Construction :

CU/XLPE/Bd/SWA or AWA/PVC  
 Conductor: Plain Annealed Copper (class 1,2)  
 Insulation Type: XLPE  
 Bedding Material: PVC 90  
 Armour material: Galvanized Steel Wire/Aluminium Wire  
 Sheath Material: PVC 90 - ST2

- Maximum Conductor Temperature: 90°C

### Application:

For Outdoor Installation In Damp And Wet Location, Laid Direct In The Ground, Where Excessive Mechanical Stresses Are Required In Sloping And Movable Terrains And In Vertical Or Inclined Laying, As Well As In Locations Susceptible To Sliding.

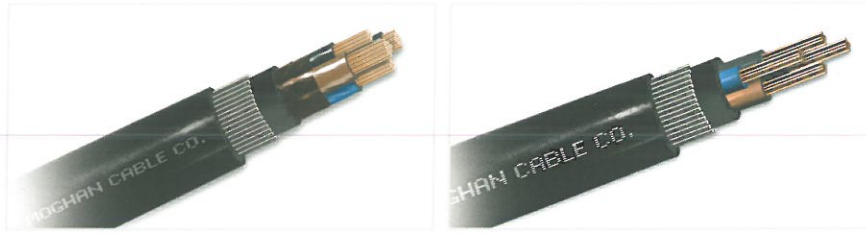
No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
1x35 RM	0.9	1	1.25	1.5	16.3	560
1x50 RM	1	1	1.25	1.5	17.6	698
1x70 RM	1.1	1	1.25	1.6	19.8	937
1x95 RM	1.1	1	1.6	1.7	22.2	1258
1x120 RM	1.2	1	1.6	1.7	24.0	1521
1x150 RM	1.4	1	1.6	1.8	25.8	1825
1x185 RM	1.6	1	1.6	1.9	28.2	2228
1x240 RM	1.7	1	1.6	1.9	30.5	2804
1x300 RM	1.8	1	2	2.0	33.9	3502
1x400 RM	2	1.2	2	2.2	38.4	4446
2x1.5 RE/RM	0.7	1	0.9	1.8	13.0	312
2x2.5 RE/RM	0.7	1	0.9	1.8	13.8	356
2x4 RE/RM	0.7	1	0.9	1.8	14.7	417
2x6 RE/RM	0.7	1	1.25	1.8	16.4	573
2x10 RE/RM	0.7	1	1.25	1.8	18.0	722
2x16 RM	0.7	1	1.25	1.8	20.9	974
2x25 RM	0.9	1	1.6	1.8	24.2	1410
2x35 RM	0.9	1	1.6	1.8	26.4	1718
2x50 RM	1	1	1.6	1.9	29.2	2127
2x70 RM	1.1	1	2	2.1	34.4	3037
2x95 RM	1.1	1.2	2	2.2	38.0	3808
2x120 RM	1.2	1.2	2	2.3	41.8	4575
2x150 RM	1.4	1.2	2.5	2.4	46.2	5772
2x185 RM	1.6	1.4	2.5	2.6	51.4	7028
2x240 RM	1.7	1.4	2.5	2.8	56.4	8647
2x300 RM	1.8	1.6	2.5	3.0	62.0	10434
3x1.5 RE/RM	0.7	1	0.9	1.8	13.4	336
3x2.5 RE/RM	0.7	1	0.9	1.8	14.3	395
3x4 RE/RM	0.7	1	0.9	1.8	15.3	471
3x6 RE/RM	0.7	1	1.25	1.8	17.1	655
3x10 RE/RM	0.7	1	1.25	1.8	18.8	838
3x16 RM	0.7	1	1.6	1.8	22.6	1260
3x25 RM	0.9	1	1.6	1.8	25.4	1670
3x35 RM	0.9	1	1.6	1.8	27.8	2078
3x50 SM	1	1	1.6	1.9	29.5	2570
3x70 SM	1.1	1.2	2	2	34.3	3592
3x95 SM	1.1	1.2	2	2.2	37.7	4463
3x120 SM	1.2	1.2	2	2.3	41.0	5338

On request, Aluminium Conductor is also available

N2XRY



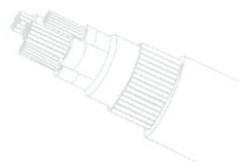
## Armoured Power Cable N2XRY



No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)	
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	
3x150 SM	1.4	1.4	2.5	2.5	46.5	6921	
3x185 SM	1.6	1.4	2.5	2.6	50.6	8180	
3x240 SM	1.7	1.6	2.5	2.8	56.0	10185	
3x300 SM	1.8	1.6	2.5	3	58.0	11979	
4x1.5 RE/RM	0.7	1	0.9	1.8	14.1	374	
4x2.5 RE/RM	0.7	1	0.9	1.8	15.1	450	
4x4 RE/RM	0.7	1	1.25	1.8	17.0	626	
4x6 RE/RM	0.7	1	1.25	1.8	18.2	751	
4x10 RE/RM	0.7	1	1.25	1.8	20.1	985	
4x16 RM	0.7	1	1.6	1.8	24.3	1490	
4x25 RM	0.9	1	1.6	1.8	27.4	2009	
4x35 RM	0.9	1	1.6	1.9	30.3	2527	
4x50 SM	1	1	1.6	1.9	30.5	2846	
4x70 SM	1.1	1.2	2	2.1	36.0	4068	
4x95 SM	1.1	1.2	2	2.2	39.6	5204	
4x120 SM	1.2	1.2	2	2.4	43.5	6349	
4x150 SM	1.4	1.4	2.5	2.5	48.9	8050	
4x185 SM	1.6	1.4	2.5	2.7	53.4	9728	
4x240 SM	1.7	1.6	2.5	2.9	59.5	12294	
4x300 SM	1.8	1.6	2.5	3.0	64.2	14866	
4x400 SM	2	1.6	3.15	3.4	74.1	19437	
5x1.5 RE/RM	0.7	1	0.9	1.8	14.9	423	
5x2.5 RE/RM	0.7	1	1.25	1.8	16.7	593	
5x4 RE/RM	0.7	1	1.25	1.8	18.0	718	
5x6 RE/RM	0.7	1	1.25	1.8	19.3	866	
5x10 RE/RM	0.7	1	1.6	1.8	22.2	1264	
5x16 RM	0.7	1	1.6	1.8	26.1	1762	
5x25 RM	0.9	1	1.6	1.9	29.8	2405	
5x35 RM	0.9	1	2	2.0	33.8	3257	
5x50 RM	1	1.2	2	2.2	38.1	4159	
5x70 RM	1.1	1.2	2	2.4	43.9	5570	
5x95 RM	1.1	1.4	2.5	2.6	49.7	7585	
5x120 RM	1.2	1.4	2.5	2.7	54.8	9217	
5x150 RM	1.4	1.6	2.5	2.9	59.9	11076	
5x185 RM	1.6	1.6	2.5	3.1	66.2	13465	
3x25+16 RM	0.9	0.7	1	1.6	1.8	26.7	1906
3x35+16 RM	0.9	0.7	1	1.6	1.9	28.8	2284
3x50+25 SM	1	0.9	1	1.6	1.8	29.7	2635
3x70+35 SM	1.1	0.9	1	2	1.85	33.9	3673
3x95+50 SM	1.1	1	1.2	2	1.97	37.9	4753
3x120+70 SM	1.2	1.1	1.2	2	2.07	41.2	5801
3x150+70 SM	1.4	1.1	1.2	2.5	2.21	46.4	7448
3x185+95 SM	1.6	1.1	1.4	2.5	2.35	51.0	9046
3x240+120 SM	1.7	1.2	1.4	2.5	2.52	56.4	11263
3x300+150 SM	1.8	1.4	1.6	2.5	2.69	62.0	13769
3x400+185 SM	2	1.6	1.6	2.5	2.94	69.6	16681

On request, Aluminium Conductor is also available

N2XRY





## Tape Armoured Power Cable N2XBY

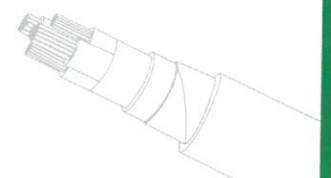
- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, IEC 60228, VDE 0295, ISIRI 3569-1
- **Construction :**  
 CU/XLPE/Bd/STA or ATA/PVC  
 Conductor: Plain Annealed Copper Wire (class 1,2)  
 Insulation Type: XLPE  
 Bedding Material: P.V.C 90  
 Armour material: Galvanized Steel Tape / Aluminium Tape  
 Sheath Material: P.V.C 90 - ST2
- **Maximum Conductor Temperature:** 90°C
- **Application:**

For Outdoor Installation In Damp And Wet Location , Laid Direct In The Ground, Where Excessive Mechanical Stresses Are Required In Sloping And Movable Terrains And In Vertical Or Inclined Laying ,As Well As In Locations Susceptible To Sliding.



No. of Cores & Cross Section	Nominal Insulation Thickness	Armour Tape Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	kg/km
1x35 RM	0.9	0.5	1.5	17.4	566
1x50 RM	1	0.5	1.5	18.7	692
1x70 RM	1.1	0.5	1.6	20.9	927
1x95 RM	1.1	0.5	1.7	22.6	1198
1x120 RM	1.2	0.5	1.7	24.4	1457
1x150 RM	1.4	0.5	1.8	26.2	1755
1x185 RM	1.6	0.5	1.9	28.6	2149
1x240 RM	1.7	0.5	1.9	30.9	2713
1x300 RM	1.8	0.5	2	33.5	3327
1x400 RM	2	0.5	2.2	38.0	4237
2x1.5 RE/RM	0.7	0.2	1.8	13.0	239
2x2.5 RE/RM	0.7	0.2	1.8	13.8	279
2x4 RE/RM	0.7	0.2	1.8	14.7	331
2x6 RE/RM	0.7	0.2	1.8	15.7	396
2x10 RE/RM	0.7	0.2	1.8	17.3	518
2x16 RM	0.7	0.2	1.8	20.2	723
2x25 RM	0.9	0.2	1.8	22.8	990
2x35 RM	0.9	0.2	1.8	25.0	1250
2x50 RM	1	0.2	1.8	27.6	1584
2x70 RM	1.1	0.2	2	32.0	2177
2x95 RM	1.1	0.2	2.1	35.6	2846
2x120 RM	1.2	0.5	2.3	41.4	3936
2x150 RM	1.4	0.5	2.4	44.8	4698
2x185 RM	1.6	0.5	2.6	50.0	5807
2x240 RM	1.7	0.5	2.7	54.8	7250
2x300 RM	1.8	0.5	2.9	60.4	8894
3x1.5 RE/RM	0.7	0.2	1.8	13.4	261
3x2.5 RE/RM	0.7	0.2	1.8	14.3	312
3x4 RE/RM	0.7	0.2	1.8	15.3	379
3x6 RE/RM	0.7	0.2	1.8	16.4	464
3x10 RE/RM	0.7	0.2	1.8	18.1	621
3x16 RM	0.7	0.2	1.8	21.2	877
3x25 RM	0.9	0.2	1.8	24.0	1228
3x35 RM	0.9	0.2	1.8	26.4	1573
3x50 SM	1	0.2	1.8	27.3	1996
3x70 SM	1.1	0.2	2.0	31.1	2659
3x95 SM	1.1	0.5	2.2	35.7	3803
3x120 SM	1.2	0.5	2.3	39.0	4630
3x150 SM	1.4	0.5	2.4	43.1	5662
3x185 SM	1.6	0.5	2.6	47.6	6871
3x240 SM	1.7	0.5	2.8	52.8	8649
3x300 SM	1.8	0.5	2.9	54.8	10430

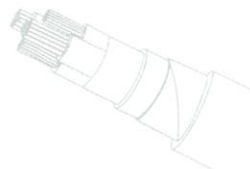
On request, Aluminium Conductor is also available



## Tape Armoured Power Cable N2XBY

No. of Cores & Cross Section	Nominal Insulation Thickness		Armour Tape Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm		mm	mm	mm	kg/km
4x1.5 RE/RM	0.7		0.2	1.8	14.1	294
4x2.5 RE/RM	0.7		0.2	1.8	15.1	357
4x4 RE/RM	0.7		0.2	1.8	16.3	444
4x6 RM	0.7		0.2	1.8	18.3	630
4x6 RE	0.7		0.2	1.8	17.5	577
4x10 RM	0.7		0.2	1.8	20.6	854
4x10 RE	0.7		0.2	1.8	19.4	748
4x16 RM	0.7		0.2	1.8	22.9	1071
4x25 RM	0.9		0.2	1.8	26.0	1517
4x35 RM	0.9		0.2	1.9	28.9	1974
4x35 SM	0.9		0.2	1.8	26.3	1673
4x50 RM	1		0.2	2	32.2	2666
4x50 SM	1		0.2	1.9	29.1	2279
4x70 RM	1.1		0.5	2.2	39.7	4250
4x70 SM	1.1		0.2	2	33.6	3169
4x95 RM	1.1		0.5	2.4	43.7	5458
4x95 SM	1.1		0.5	2.2	39.2	4604
4x120 RM	1.2		0.5	2.5	48.7	6731
4x120 SM	1.2		0.5	2.3	42.9	5643
4x150 RM	1.4		0.5	2.7	52.9	8079
4x150 SM	1.4		0.5	2.5	47.5	6904
4x185 RM	1.6		0.5	2.9	59.1	9972
4x185 SM	1.6		0.5	2.6	51.8	8439
4x240 RM	1.7		0.5	3.1	65.0	12555
4x240 SM	1.7		0.5	2.8	57.9	10831
4x300 RM	1.8		0.5	3.3	71.2	15337
4x300 SM	1.8		0.5	3	62.8	13278
4x400 RM	2		0.5	3.6	81.2	19450
4x400 SM	2		0.5	3.3	71.2	16793
5x1.5 RM	0.7		0.2	1.8	15.5	357
5x1.5 RE	0.7		0.2	1.8	14.9	333
5x2.5 RM	0.7		0.2	1.8	16.6	477
5x2.5 RE	0.7		0.2	1.8	16.0	408
5x4 RM	0.7		0.2	1.8	18.1	595
5x4 RE	0.7		0.2	1.8	17.3	515
5x6 RM	0.7		0.2	1.8	19.6	737
5x6 RE	0.7		0.2	1.8	18.6	643
5x10 RM	0.7		0.2	1.8	22.1	1010
5x10 RE	0.7		0.2	1.8	20.8	894
5x16 RM	0.7		0.2	1.8	24.7	1292
5x25 RM	0.9		0.2	1.9	28.4	1864
5x35 RM	0.9		0.2	2	31.6	2434
5x50 RM	1		0.2	2.1	35.7	3196
5x70 RM	1.1		0.5	2.4	43.5	4890
5x95 RM	1.1		0.5	2.5	48.1	6389
5x120 RM	1.2		0.5	2.7	53.4	7898
5x150 RM	1.4		0.5	2.8	58.3	9581
5x185 RM	1.6		0.5	3.1	64.8	11831
3x25+16 RM	0.9	0.7	0.2	1.8	25.3	1424
3x35+16 RM	0.9	0.7	0.2	1.9	29.4	1904
3x50+25 SM	1	0.9	0.2	1.9	28.5	2093
3x70+35 SM	1.1	0.9	0.2	2	32.0	2796
3x95+50 SM	1.1	1	0.2	2.1	36.0	3811
3x120+70 SM	1.2	1.1	0.5	2.3	41.2	5196
3x150+70 SM	1.4	1.1	0.5	2.4	45.4	6387
3x185+95 SM	1.6	1.1	0.5	2.6	50.1	7742
3x240+120 SM	1.7	1.2	0.5	2.7	55.3	9941
3x300+150 SM	1.8	1.4	0.5	2.9	61.0	12286

On request, Aluminium Conductor is also available



## Power Cable N2XHRH

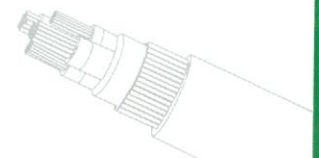
- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, ISIRI 3569-1
- **Construction :**  
 Cu/MGT/PET/XLPE/HFLS/SWA/HFLS  
 Conductor: Plain Annealed copper wire (class 2)  
 Flame barrier: Mica glass tape  
 Insulation Type: XLPE  
 Bedding: Halogen free, Low smoke, Flame retardant – HFLS  
 Armor: Galvanized steel wire armor  
 Other sheath: Halogen free, Low smoke, Flame retardant – HFLS

- **Technical data:**
  - 1) Temperature: -30°C to + 90°C
  - 2) Maximum short circuit temperature: 250°C (5 seconds Max)
  - 3) Conductor resistance: As per class 2 of IEC 60228
  - 4) Test voltage: 35 kv rms or 8.4 kvdc for 5 minutes
  - 5) Flame retardant test: Acc. IEC 60332-1
  - 6) Flame propagation test: Acc. IEC 60332-3
  - 7) Fire resistance test: Acc. IEC 60331-21
  - 8) Smoke density test: Acc. IEC 61034
  - 9) Halogen content test: Acc. IEC 60754-2



- **Application:** These cables can be used for electricity supply and control in public network and industrial plants or public buildings, where people are potentially endangered in case of fire and where, for a defined period of time, the continuity of control and energy supply is of vital necessity.

No. of Cores & Cross Section	No. strand x diameter	Nominal Insulation thickness	Nominal sheath thickness	Overall Diameter (Approx. )	Total Weight (Approx. )
mm <sup>2</sup>	No. x mm	mm	mm	mm	kg/km
2x1.5 RM	7x0.53	0.7	1.8	12.4	170
2x2.5 RM	7x0.67	0.7	1.8	13.2	230
2x4 RM	7x0.85	0.7	1.8	14.4	282
2x5 RM	7x1.04	0.7	1.8	15.4	344
3x1.5 RM	7x0.53	0.7	1.8	13.0	222
3x2.5 RM	7x0.67	0.7	1.8	13.9	264
3x4 RM	7x0.85	0.7	1.8	15.2	332
3x6 RM	7x1.04	0.7	1.8	16.4	404
4x1.5 RM	7x0.53	0.7	1.8	14.0	242
4x2.5 RM	7x0.67	0.7	1.8	15.0	288
4x4 RM	7x0.85	0.7	1.8	16.5	378
4x6 RM	7x1.04	0.7	1.8	17.7	472
5x1.5 RM	7x0.53	0.7	1.8	15.2	286
5x2.5 RM	7x0.67	0.7	1.8	16.3	344
5x4 RM	7x0.85	0.7	1.8	18.0	424
5x6 RM	7x1.04	0.7	1.8	19.4	555
7x1.5 RM	7x0.53	0.7	1.8	16.0	300
10x1.5 RM	7x0.53	0.7	1.8	20.0	412
12x1.5 RM	7x0.53	0.7	1.8	20.6	450
19x1.5 RM	7x0.53	0.7	1.8	24.3	605
27x1.5 RM	7x0.53	0.7	1.8	28.8	796
37x1.5 RM	7x0.53	0.7	1.8	32.2	1010
48x1.5 RM	7x0.53	0.7	1.8	37.0	1250
7x2.5 RM	7x0.67	0.7	1.8	17.2	382
10x2.5 RM	7x0.67	0.7	1.8	21.6	514
12x2.5 RM	7x0.67	0.7	1.8	22.4	600
19x2.5 RM	7x0.67	0.7	1.8	26.4	810
27x2.5 RM	7x0.67	0.7	1.8	31.5	1080
37x2.5 RM	7x0.67	0.7	1.8	35.4	1370
48x2.5 RM	7x0.67	0.7	1.8	40.3	1746



## Concentric - Armoured Power Cable NYCYRY

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, IEC 60228, ISIRI 3569-1

- **Construction :**

CU/PVC/CWS/Bd/SWA or AWA/PVC

Conductor: Plain Annealed Copper Wire (class 1,2)

Insulation Type: P.V.C / A

Bedding Material: P.V.C

Concentric material: Copper Wire + Copper Tape

Separation Sheath Material: PVC - ST1

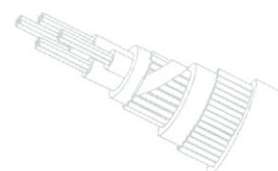
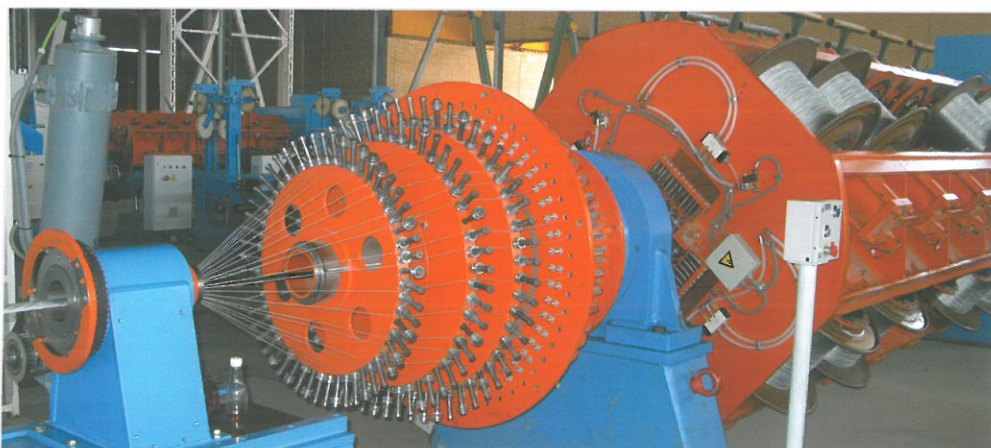
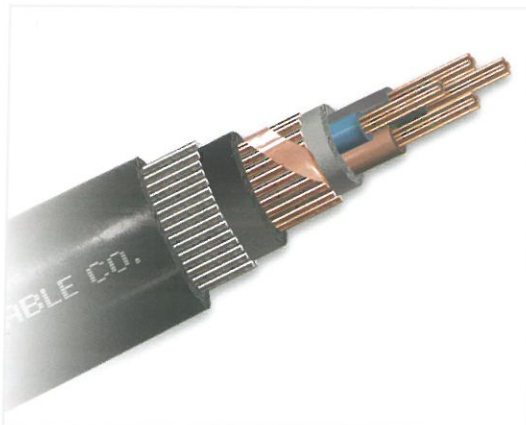
Armour Material: Galvanized Steel Wire/Aluminium Wire

Sheath Material: P.V.C - ST1

- **Maximum Conductor Temperature:** 70°C

- **Application:**

Predominantly Designed For Installation In Industrial And Control Equipment, In Power House And Where Ever A High Level Of Both Electrical And Mechanical Protection Is Required.





**Concentric - Armoured Power Cable N2XCYRY**

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1, IEC 60228, ISIRI 3569-1
- **Construction :**
  - CU/XLPE/Bd/CWS/Bd/SWA or AWA/PVC
  - Conductor: Plain Annealed Copper Wire (class 1,2)
  - Insulation Type: XLPE
  - Bedding Material: PVC
  - Concentric material: Copper Wire + Copper Tape
  - Separation Sheath Material: PVC 90-ST2
  - Armour Material: Galvanized Steel Wire/Aluminium Wire
  - Sheath Material: PVC 90 - ST2
- **Maximum Conductor Temperature:** 90°C
- **Application:**

For Outdoor Installation In Damp And Wet Location, Laid Direct In The Ground, Where Excessive Mechanical Stresses Are Required In Sloping And Movable Terrains And In Vertical Or Inclined Laying, As Well As In Locations Susceptible To Sliding.













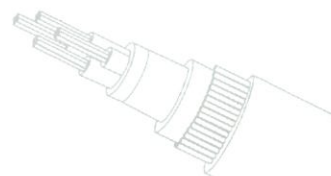
## Armoured Lead Sheathed Power Cable N2XKYRY

No. of Cores & Cross Section	Nominal Insulation Thickness	Lead Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
3x1.5 RE/RM	0.7	1.2	1.25	1.8	19.1	1052
3x2.5 RE/RM	0.7	1.2	1.25	1.8	19.9	1157
3x4 RE/RM	0.7	1.2	1.25	1.8	21	1311
3x6 RE/RM	0.7	1.2	1.6	1.8	23.9	1708
3x10 RE/RM	0.7	1.2	1.6	1.8	25.6	2009
3x16 RM	0.7	1.2	1.6	1.9	28.4	2495
3x25 RM	0.9	1.3	1.6	2	31.6	3182
3x35 RM	0.9	1.3	2	2.1	35.8	4114
3x50 SM	1	1.4	2	2.2	37.6	4460
3x70 SM	1.1	1.5	2	2.3	41.8	5600
3x95 SM	1.1	1.6	2	2.4	45.2	6800
3x120 SM	1.2	1.7	2.5	2.6	50.4	8520
3x150 SM	1.4	1.9	2.5	2.7	53.1	9808
3x185 SM	1.6	2	2.5	2.8	57.6	11545
3x240 SM	1.7	2.2	2.5	3.0	63.6	14275
3x300 SM	1.8	2.3	2.5	3.2	66.0	16443
3x25+16 RM	0.9 0.7	1.3	2	2.1	34.6	3657
3x35+16 RM	0.9 0.7	1.4	2	2.1	36.8	4280
3x50+25 SM	1 0.9	1.4	2	2.2	38.1	4720
3x70+35 SM	1.1 0.9	1.5	2	2.3	42.2	5974
3x95+50 SM	1.1 1	1.6	2.5	2.5	48.2	7942
3x120+70 SM	1.2 1.1	1.7	2.5	2.6	51.6	9358
3x150+70 SM	1.4 1.1	1.8	2.5	2.8	56.6	11022
3x185+95 SM	1.6 1.1	1.9	2.5	2.9	60.9	13068
3x240+120 SM	1.7 1.2	2.1	2.5	3.1	67.1	16142
3x300+150 SM	1.8 1.4	2.2	3.15	3.4	75.4	20328
3x400+185 SM	2 1.6	2.5	3.15	3.7	83.7	25117
4x1.5 RE/RM	0.7	1.2	1.25	1.8	19.8	1136
4x2.5 RE/RM	0.7	1.2	1.3	1.8	20.9	1287
4x4 RE/RM	0.7	1.2	1.6	1.8	23.3	1622
4x6 RE/RM	0.7	1.2	1.6	1.8	24.5	1824
4x10 RE/RM	0.7	1.2	1.6	1.8	26.4	2197
4x16 RM	0.7	1.2	1.6	1.9	30.1	2844
4x25 RM	0.9	1.3	2	2.1	35.4	4027
4x35 RM	0.9	1.4	2	2.2	38.5	4895
4x50 SM	1	1.5	2	2.3	42.4	6023
4x50 SM	1	1.4	2	2.2	38.7	4992
4x70 SM	1.1	1.5	2	2.4	43.6	6443
4x95 SM	1.1	1.6	2.5	2.6	49.6	8541
4x120 SM	1.2	1.7	2.5	2.7	53.5	10083
4x150 SM	1.4	1.9	2.5	2.8	58.3	12131
4x185 SM	1.6	2	2.5	3	63	14359
4x240 SM	1.7	2.2	2.5	3.2	69.5	17849
4x300 SM	1.8	2.3	3.15	3.5	77.4	22261
4x400 SM	2	2.5	3.15	3.8	86.6	27639
5x1.5 RE/RM	0.7	1.2	1.25	1.8	20.6	1230
5x2.5 RE/RM	0.7	1.2	1.6	1.8	23	1549
5x4 RE/RM	0.7	1.2	1.6	1.8	24.3	1771
5x6 RE/RM	0.7	1.2	1.6	1.8	25.6	2002
5x10 RE/RM	0.7	1.2	1.6	1.8	27.8	2443
5x16 RM	0.7	1.3	2	2	33.9	3636
5x25 RM	0.9	1.4	2	2.2	38	4683
5x35 RM	0.9	1.5	2	2.3	41.8	5789
5x50 RM	1	1.6	2.5	2.5	47.9	7656
5x70 RM	1.1	1.8	2.5	2.7	54.1	10011
5x95 RM	1.1	1.9	2.5	2.9	59.1	12351
5x120 RM	1.2	2	2.5	3	64.4	14798
5x150 RM	1.4	2.2	2.5	3.2	69.9	17654
5x185 RM	1.6	2.4	3.15	3.5	79.4	22584

On request, Aluminium Conductor is also available

N2XKYRY N2XKPH N2XKLY N2XKDY N2XKRY N2XKRY N2XKRY  
 N2XBY N2XHPH NYOY N2XQYRY N2XKRY N2XKRY N2XKRY

N2XKYRY



**Note:**