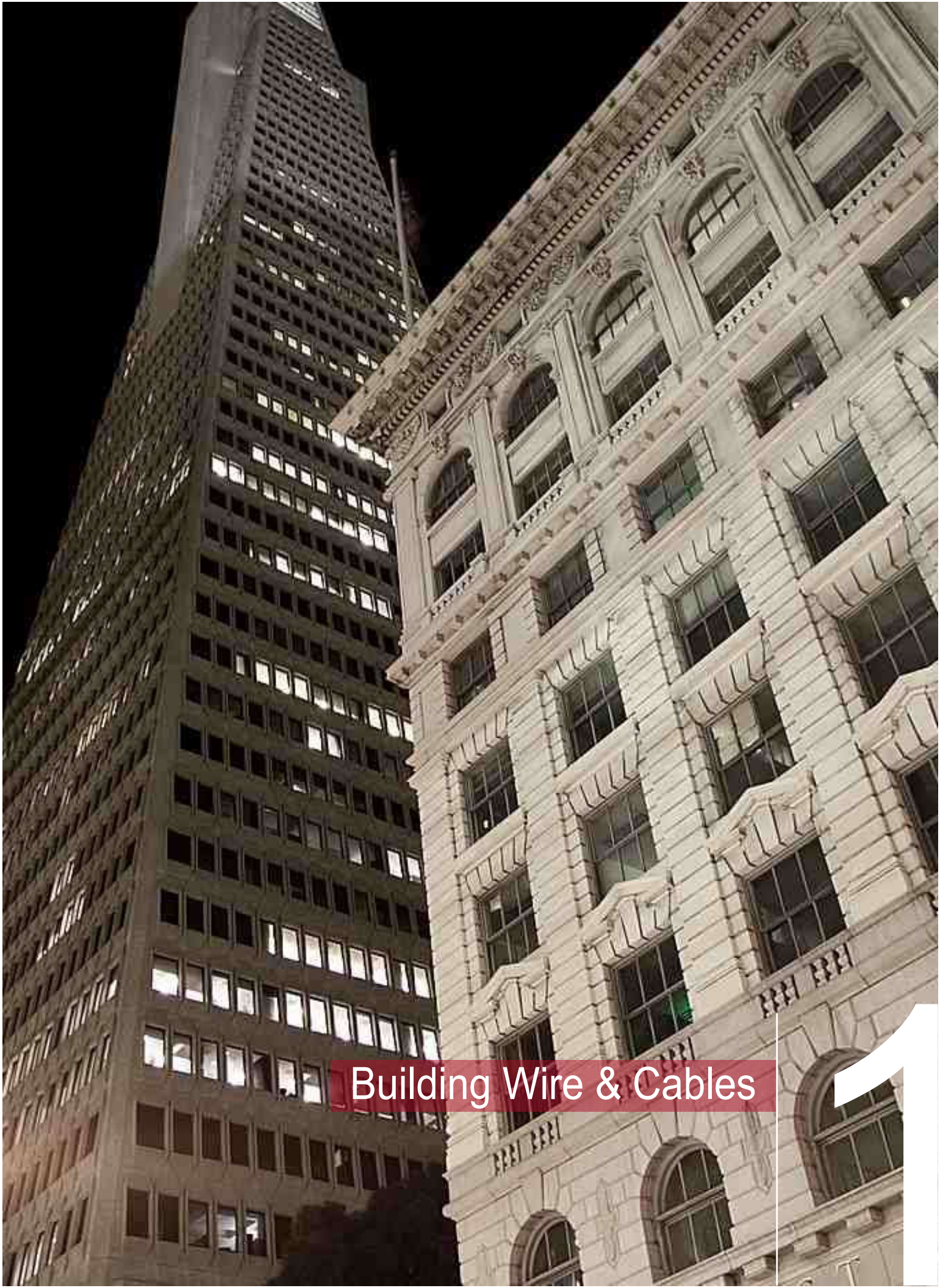
سیم و کابلهای ساختمانی



Building Wire & Cables

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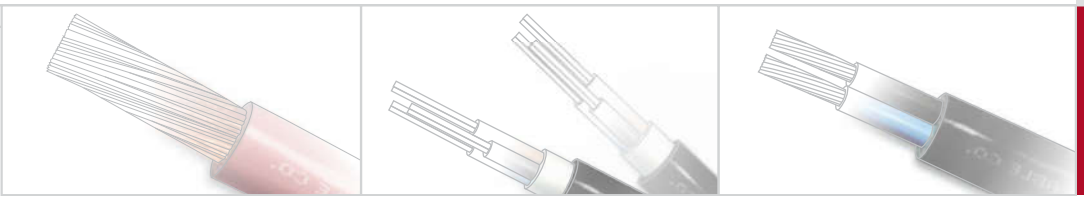
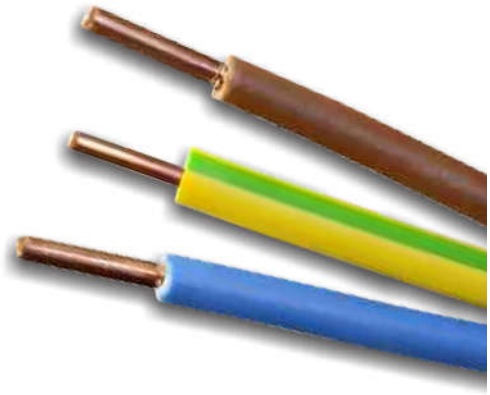




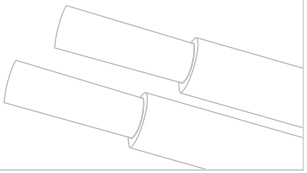
Solid & Stranded Wire NYA

- **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:** 70ºC
  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^2	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^2	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:**90ºC
  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^2	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

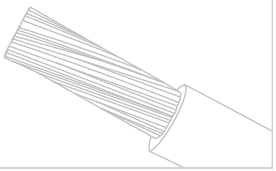
Flexible Wire NYAF - NYFAF (H07V-K)

- **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:** 70ºC
  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 Temprature 70°

No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm^2	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.

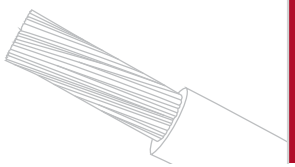
No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm^2	mm	mm	kg/km
1x0.5	0.6	2.1	8
1x0.75	0.6	2.3	11
1x1	0.6	2.5	14



Flexible Wire

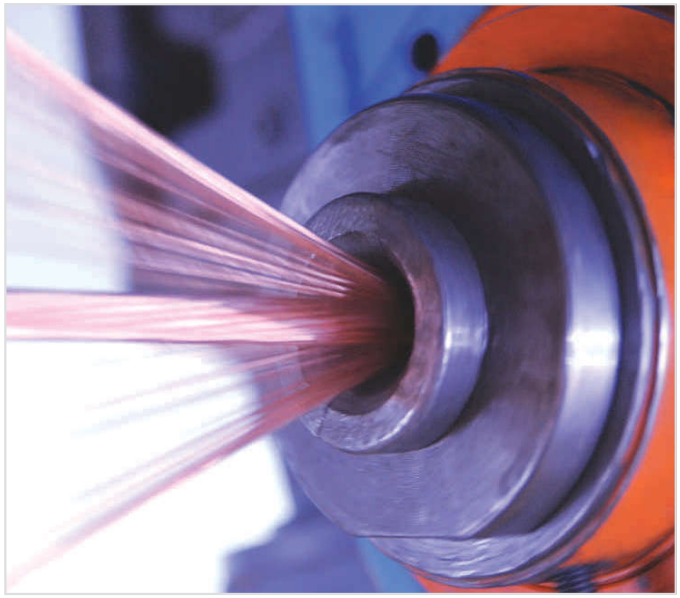
- **Rated Voltage:** 300/500V
- **Applicable Standard:** IEC 60227,IEC 60228,ISIRI (607)3
- **Code Designation According to ISIRI:** (607) 08.
- **Construction :**
  Conductor: Plain annealed copper wire (class 5)
  Insulation Type: P.V.C / E
- **Maximum Conductor Temperature:** 90°C
  For Single Core 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.

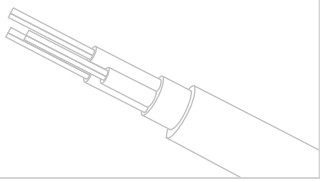
No. of Cores & Cross Section	Nominal Insulation Thickness	Overall diameter (Approx)	Total Weight (Approx.)
mm^2	mm	mm	kg/km
1x0.5	0.6	2.1	8
1x0.75	0.6	2.3	11
1x1	0.6	2.5	14
1x1.5	0.7	2.8	20
1x2.5	0.8	3.4	32



Solid & Stranded Cables

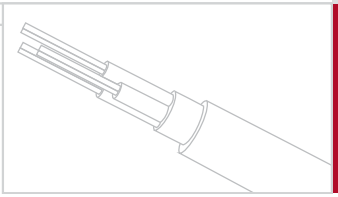
- **Rated Voltage:** 300/500 V
- **Applicable Standard:** ISIRI 607- 4
- **Code Designation according to ISIRI:** (607) 10
- **Construction :**
  Conductor: Plain Annealed Copper Wire (class 1,2)
  Insulation Type: P.V.C / C
  Color Scheme:
  2 cores:no preferred color scheme.
  3 cores:Green/Yellow, 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:** 70ºC
- **Application:** For Industrial and Wiring Purposes in the Open, Dry, Damp and Wet Enviroment 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^2	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

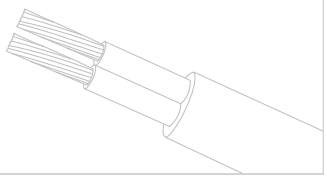


Flexible Cables : NYMHY

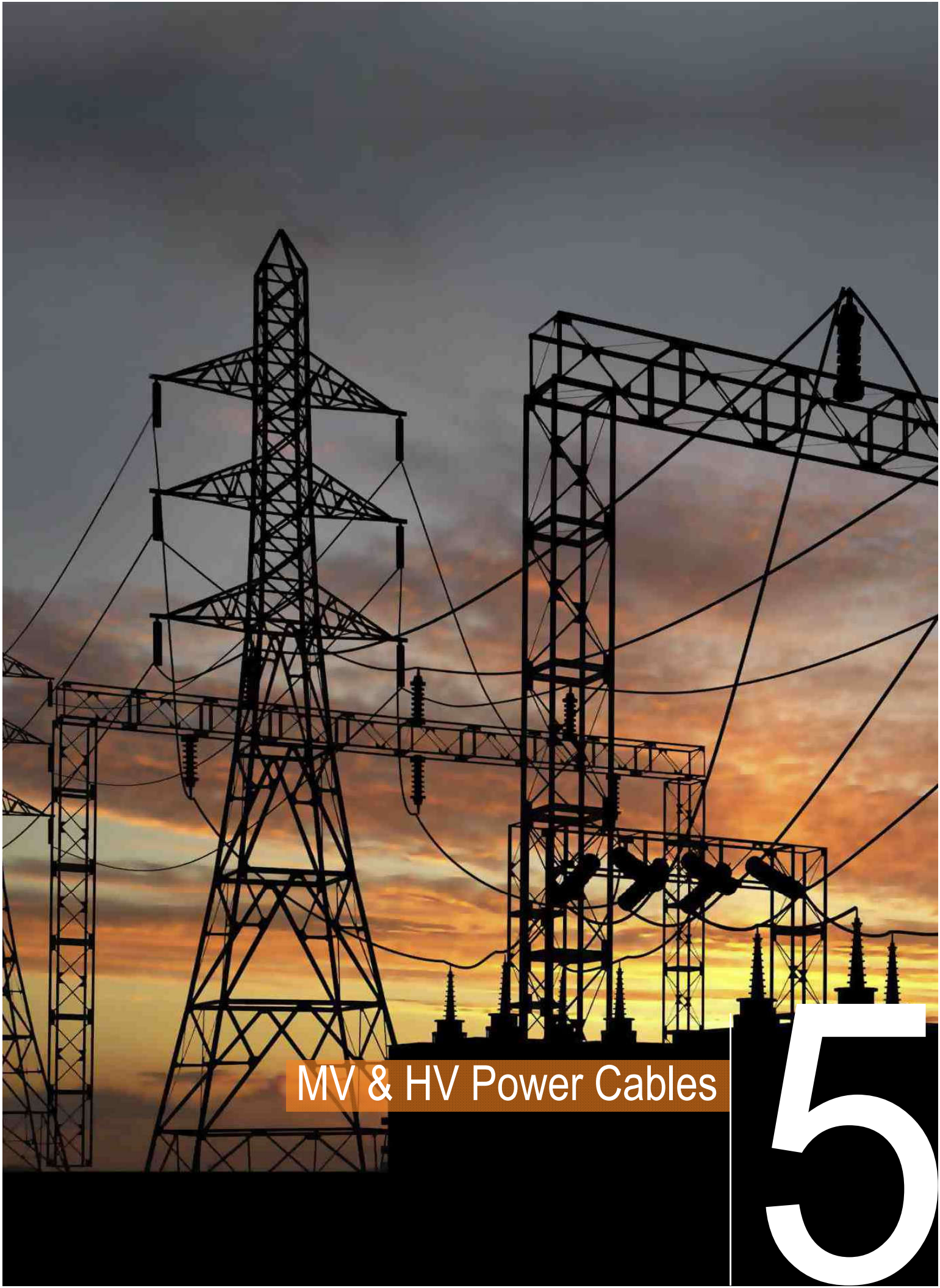
- **Rated Voltage:** 300/500 V
- **Applicable Standard:** IEC 60227,IEC 60228
- **Code Designation according to ISIRI:** (607) 53
- **Construction :**
  Conductor: Plain Annealed Copper Wire (class 5)
  Insulation Type: P.V.C / D
  Color Scheme:
  2 cores:no preferred color scheme.
  3 cores:Green/Yellow, 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:** 70ºC

- **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^2	mm	mm	mm	kg/km
2x0.75 2x1 2x1.5 2x2.5	0.6 0.6 0.7 0.8	0.8 0.8 0.8 1.0	6.3 6.6 7.4 9.0	56 64 84 129
3x0.75 3x1 3x1.5 3x2.5	0.6 0.6 0.7 0.8	0.8 0.8 0.9 1.1	6.7 7.0 8.1 9.8	67 77 107 164
4x0.75 4x1 4x1.5 4x2.5	0.6 0.6 0.7 0.8	0.8 0.9 1.0 1.1	7.3 7.9 9.0 10.7	82 99 136 204
5x0.75 5x1 5x1.5 5x2.5	0.6 0.6 0.7 0.8	0.9 0.9 1.1 1.2	8.1 8.6 10.1 11.9	43.89 47.94 67 90.67



کابلهای قدرت فشار متوسط و قوی



MV & HV Power Cables

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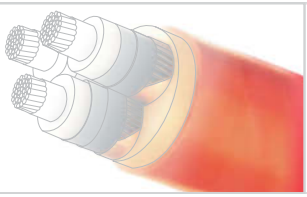


UNARMOURED XLPE MV POWER CABLES U0/U(Um)=3.6/6(7.2)KV

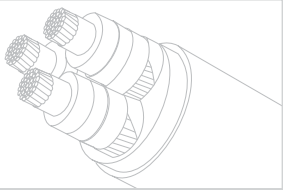
- **Single Core** N2XSY/ NA2XSY
- **Three Core** N2XSEY/ NA2XSEY

- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/PET/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Polyester Tape
  Overall Sheath PVC(1)

CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
						Copper	Aluminium
mm^2		mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	2.5	1.8	20.4	720	510
1x50	RM/16	8.1	2.5	1.8	21.6	860	560
1x70	RM/16	9.7	2.5	1.8	23.2	1080	660
1x95	RM/16	11.4	2.5	1.8	24.9	1360	760
1x120	RM/16	12.7	2.5	1.8	26.2	1620	860
1x150	RM/25	14.3	2.5	1.9	28.4	1900	960
1x185	RM/25	16.0	2.5	1.9	30.1	2260	1100
1x240	RM/25	18.4	2.6	2.0	32.9	2900	1370
1x300	RM/25	20.7	2.8	2.1	35.8	3500	1600
1x400	RM/35	23.2	3.0	2.2	38.9	4500	2060
1x500	RM/35	27.0	3.2	2.4	43.5	5600	2500
1x630	RM/35	30.5	3.2	2.5	47.2	7050	3000
1x800	RM/35	34.5	3.2	2.6	51.4	8800	3600
1x1000	RM/35	39.0	3.2	2.8	57.0	10800	4300
3x35	RM/16	6.9	2.5	2.3	42	2900	2258
3x50	RM/16	8.1	2.5	2.4	45	3552	2682
3x70	RM/16	9.7	2.5	2.6	49	4417	3169
3x95	RM/16	11.4	2.5	2.7	53	5412	3678
3x120	RM/16	12.7	2.5	2.8	56	6470	4286
3x150	RM/25	14.3	2.5	2.9	60	7640	4937
3x185	RM/25	16.0	2.5	3.1	64	9080	5708
3x240	RM/25	18.4	2.6	3.2	71	11270	6857
3x300	RM/25	20.7	2.8	3.4	76	13860	8334
3x400	RM/35	23.2	3.0	3.6	84	16600	9550
3x500	RM/35	27.0	3.2	3.8	90	20000	10850

(1) On request ,other materials including PE,EPR,HFFR&LSZH is available.

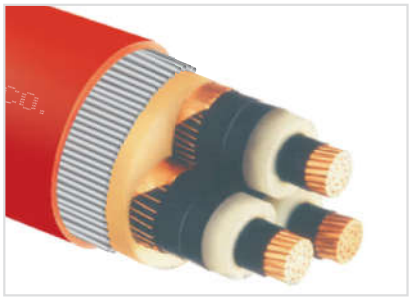


WIRE ARMOURED XLPE MV POWER CABLES U0/U(Um)=3.6/6(7.2)KV

Aluminium Wire Armoured Single Core N2XSYRY/ NA2XSYRY
Steel Wire Armoured Three Core N2XSEYRY/ NA2XSEYRY

Standard:
IEC 60502-2
ISIRI 3569-2

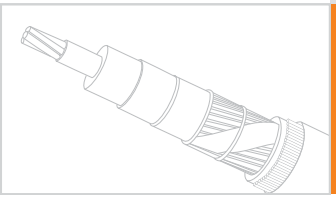
Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/Bd/AWA or SWA/PVC
Stranded &Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Sheath PVC
Wire Armour
Overall Sheath PVC(1)



CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Armour Wire Dia.	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	2.5	1.2	1.6	1.8	26	1150	936
1x50	RM/16	8.1	2.5	1.2	1.6	1.8	27	1500	1210
1x70	RM/16	9.7	2.5	1.2	1.6	1.9	29	1460	1044
1x95	RM/16	11.4	2.5	1.2	1.6	1.9	31	1790	1212
1x120	RM/16	12.7	2.5	1.2	1.6	2.0	32	2050	1322
1x150	RM/25	14.3	2.5	1.2	2.0	2.1	34	2500	1599
1x185	RM/25	16.0	2.5	1.2	2.0	2.1	37	3000	1876
1x240	RM/25	18.4	2.6	1.2	2.0	2.2	40	3650	2179
1x300	RM/25	20.7	2.8	1.2	2.0	2.3	42	4350	2508
1x400	RM/35	23.2	3.0	1.3	2.5	2.4	47	5580	3230
1x500	RM/35	27.0	3.2	1.3	2.5	2.5	51	6800	3750
1x630	RM/35	30.5	3.2	1.4	2.5	2.5	55	8300	4360
3x35	RM/16	6.9	2.5	1.3	2.5	2.4	48	4240	3598
3x50	RM/16	8.1	2.5	1.3	2.5	2.6	51	5400	4530
3x70	RM/16	9.7	2.5	1.4	2.5	2.7	55	6450	5262
3x95	RM/16	11.4	2.5	1.5	2.5	2.8	59	7590	5856
3x120	RM/16	12.7	2.5	1.5	3.15	3.0	63	8700	6516
3x150	RM/25	14.3	2.5	1.6	3.15	3.2	67	10020	7317
3x185	RM/25	16.0	2.5	1.7	3.15	3.3	72	11570	8198
3x240	RM/25	18.4	2.6	1.8	3.15	3.6	79	14950	10537
3x300	RM/25	20.7	2.8	1.9	3.15	3.8	85	17690	12164
3x400	RM/35	23.2	3.0	2.0	4.0	4.0	94	21500	14450
3x500	RM/35	27.0	3.2	2.1	4.0	4.1	103	25600	16450

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.



TAPE ARMOURED XLPE MV POWER CABLES U0/U(Um)=3.6/6(7.2)KV

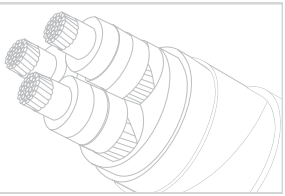
- **Aluminium Tape Armoured Single Core N2XSYBY/ NA2XSYBY**
- **Steel Tape Armoured Three Core N2XSEYBY/ NA2XSEYBY**

- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/Bd/ATA or STA/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Sheath PVC
  Double Tape Armour
  Overall Sheath PVC (1)

CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Tape Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	2.5	1.2	0.5	1.8	27	1150	936
1x50	RM/16	8.1	2.5	1.2	0.5	1.8	28	1500	1210
1x70	RM/16	9.7	2.5	1.2	0.5	1.9	30	1450	1034
1x95	RM/16	11.4	2.5	1.2	0.5	1.9	32	1770	1192
1x120	RM/16	12.7	2.5	1.2	0.5	2.0	33	2050	1322
1x150	RM/25	14.3	2.5	1.2	0.5	2.1	35	2450	1549
1x185	RM/25	16.0	2.5	1.2	0.5	2.1	37	2900	1776
1x240	RM/25	18.4	2.6	1.2	0.5	2.2	39	3500	2029
1x300	RM/25	20.7	2.8	1.2	0.5	2.3	41	4200	2358
1x400	RM/35	23.2	3.0	1.3	0.5	2.4	45	5200	2850
1x500	RM/35	27.0	3.2	1.3	0.5	2.5	49	6300	3250
1x630	RM/35	30.5	3.2	1.4	0.5	2.6	52	7800	3860
3x35	RM/16	6.9	2.5	1.3	0.5	2.5	50	3440	2798
3x50	RM/16	8.1	2.5	1.3	0.5	2.6	53	4090	3220
3x70	RM/16	9.7	2.5	1.4	0.5	2.8	56	5000	3752
3x95	RM/16	11.4	2.5	1.5	0.5	2.9	60	6080	4346
3x120	RM/16	12.7	2.5	1.5	0.5	3.0	64	7090	4906
3x150	RM/25	14.3	2.5	1.6	0.5	3.2	68	8280	5577
3x185	RM/25	16.0	2.5	1.7	0.5	3.3	71	9800	6428
3x240	RM/25	18.4	2.6	1.8	0.5	3.5	77	12000	7587
3x300	RM/25	20.7	2.8	1.9	0.5	3.6	82	14540	9014
3x400	RM/35	23.2	3.0	2.0	0.8	3.9	91	18400	11350
3x500	RM/35	27.0	3.2	2.1	0.8	4.0	99	22200	13050

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.



Electrical Characteristics

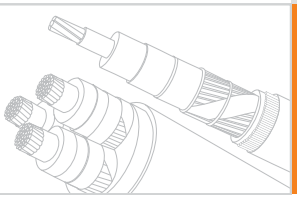
XLPE MV POWER CABLES U0/U(Um)=3.6/6(7.2) KV

SINGLE CORE

Conductor & Screen Nominal Cross Section		Max DC Resistance of Conductor at 20°C	Effective AC Resistance of Conductor at 90°C		Inductance		Capacitance
mm²		Ω/Km	Ω/Km		mH/Km		µF/Km
			⁂	○○○	⁂	○○○	
COPPER CONDUCTOR CABLES (N2XSY)							
1x35	RM/16	0.524	0.60	0.61	0.37	0.56	0.29
1x50	RM/16	0.387	0.50	0.52	0.35	0.54	0.31
1x70	RM/16	0.268	0.35	0.36	0.33	0.52	0.35
1x95	RM/16	0.193	0.25	0.26	0.32	0.51	0.38
1x120	RM/16	0.153	0.20	0.22	0.31	0.50	0.42
1x150	RM/25	0.124	0.16	0.18	0.31	0.49	0.46
1x185	RM/25	0.0991	0.13	0.15	0.30	0.48	0.51
1x240	RM/25	0.0754	0.10	0.12	0.29	0.47	0.55
1x300	RM/25	0.0601	0.08	0.10	0.28	0.47	0.56
1x400	RM/35	0.0470	0.07	0.09	0.28	0.46	0.59
1x500	RM/35	0.0366	0.06	0.07	0.27	0.46	0.62
1x630	RM/35	0.0283	0.05	0.06	0.27	0.45	0.69
1x800	RM/35	0.0221	0.04	0.05	0.26	0.44	0.74
1x1000	RM/35	0.0176	0.03	0.04	0.25	0.43	0.79
ALUMINIUM CONDUCTOR CABLES (NA2XSY)							
1x35	RM/16	0.868	1.10	1.15	0.37	0.56	0.29
1x50	RM/16	0.641	0.83	0.84	0.35	0.54	0.31
1x70	RM/16	0.443	0.57	0.59	0.33	0.52	0.35
1x95	RM/16	0.320	0.41	0.43	0.32	0.51	0.38
1x120	RM/16	0.253	0.33	0.34	0.31	0.50	0.42
1x150	RM/25	0.206	0.27	0.29	0.31	0.49	0.46
1x185	RM/25	0.164	0.22	0.23	0.30	0.48	0.51
1x240	RM/25	0.125	0.17	0.18	0.29	0.47	0.55
1x300	RM/25	0.100	0.14	0.15	0.28	0.47	0.56
1x400	RM/35	0.0778	0.11	0.13	0.28	0.46	0.59
1x500	RM/35	0.0605	0.09	0.11	0.27	0.46	0.62
1x630	RM/35	0.0469	0.07	0.08	0.27	0.45	0.69
1x800	RM/35	0.0367	0.06	0.07	0.26	0.44	0.74
1x1000	RM/35	0.0291	0.04	0.05	0.25	0.43	0.79

THREE CORE

COPPER CONDUCTOR CABLES (N2XSEY/N2XSEYRY/N2XSEYBY)					
3x35	RM/16	0.524	0.674	0.325	0.251
3x50	RM/16	0.387	0.497	0.312	0.302
3x70	RM/16	0.268	0.345	0.296	0.347
3x95	RM/16	0.193	0.250	0.290	0.379
3x120	RM/16	0.153	0.199	0.280	0.419
3x150	RM/25	0.124	0.164	0.277	0.460
3x185	RM/25	0.0991	0.132	0.268	0.502
3x240	RM/25	0.0754	0.102	0.261	0.541
3x300	RM/25	0.0601	0.0831	0.258	0.558
3x400	RM/35	0.0470	0.0686	0.255	0.583
3x500	RM/35	0.0366	0.0563	0.245	0.621
ALUMINIUM CONDUCTOR CABLES (NA2XSEY/NA2XSEYRY/NA2XSEYBY)					
3x35	RM/16	0.868	1.12	0.325	0.251
3x50	RM/16	0.641	0.825	0.312	0.302
3x70	RM/16	0.443	0.571	0.296	0.347
3x95	RM/16	0.320	0.414	0.290	0.379
3x120	RM/16	0.253	0.328	0.280	0.419
3x150	RM/25	0.206	0.269	0.277	0.460
3x185	RM/25	0.164	0.215	0.268	0.502
3x240	RM/25	0.125	0.166	0.261	0.541
3x300	RM/25	0.100	0.134	0.258	0.558
3x400	RM/35	0.0778	0.107	0.255	0.583
3x500	RM/35	0.0605	0.0857	0.245	0.621



UNARMOURED XLPE MV POWER CABLES U0/U(Um)=6/10(12)KV

- **Single Core** N2XSY/ NA2XSY
- **Three Core** N2XSEY/ NA2XSEY

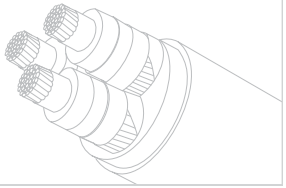
Standard:
IEC 60502-2
ISIRI 3569-2
VDE 0276-620

Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/PET/PVC
Stranded & Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Polyester Tape
Overall Sheath PVC(1)

CONSTRUCTIONAL & DESIGN DATA

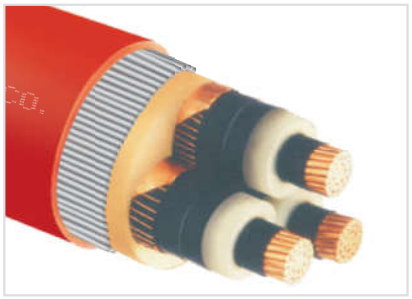
Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
						Copper	Aluminium
mm^2		mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	3.4	1.8	22	780	560
1x50	RM/16	8.1	3.4	1.8	24	920	630
1x70	RM/16	9.7	3.4	1.8	25	1150	730
1x95	RM/16	11.4	3.4	1.8	27	1430	840
1x120	RM/16	12.7	3.4	1.8	28	1700	950
1x150	RM/25	14.3	3.4	1.9	30	2000	1070
1x185	RM/25	16.0	3.4	2.0	32	2350	1200
1x240	RM/25	18.4	3.4	2.1	34	3000	1450
1x300	RM/25	20.7	3.4	2.1	37	3600	1700
1x400	RM/35	23.2	3.4	2.2	40	4550	2130
1x500	RM/35	27.0	3.4	2.3	44	5650	2550
1x630	RM/35	30.5	3.4	2.5	47	7100	3050
1x800	RM/35	34.5	3.4	2.6	52	8800	3650
1x1000	RM/35	39.0	3.4	2.8	57	10850	4380
3x35	RM/16	6.9	3.4	2.4	48	3320	2678
3x50	RM/16	8.1	3.4	2.6	50	3980	3110
3x70	RM/16	9.7	3.4	2.7	54	4892	3644
3x95	RM/16	11.4	3.4	2.8	57	5990	4256
3x120	RM/16	12.7	3.4	2.9	60	7010	4826
3x150	RM/25	14.3	3.4	3.1	65	8190	5487
3x185	RM/25	16.0	3.4	3.2	70	9660	6288
3x240	RM/25	18.4	3.4	3.4	75	11890	7477
3x300	RM/25	20.7	3.4	3.6	80	14240	8714
3x400	RM/35	23.2	3.4	3.8	87	17300	10250
3x500	RM/35	27.0	3.4	3.9	93	20800	11650

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.



WIRE ARMOURED XLPE MV POWER CABLES U0/U(Um)=6/10(12)KV

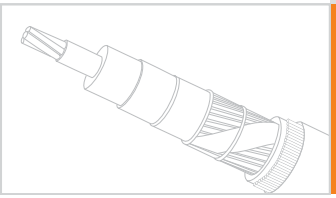
- **Aluminium Wire Armoured Single Core N2XSYRY/ NA2XSYRY**
- **Steel Wire Armoured Three Core N2XSEYRY/ NA2XSEYRY**
- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
  VDE 0276-620
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/Bd/AWA or SWA/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Sheath PVC
  Wire Armour
  Overall Sheath PVC(1)



CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Armour Wire Dia.	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	3.4	1.2	1.6	1.8	28	1150	936
1x50	RM/16	8.1	3.4	1.2	1.6	1.9	29	1300	1010
1x70	RM/16	9.7	3.4	1.2	1.6	1.9	31	1600	1184
1x95	RM/16	11.4	3.4	1.2	1.6	2.0	33	1900	1322
1x120	RM/16	12.7	3.4	1.2	2.0	2.1	35	2270	1542
1x150	RM/25	14.3	3.4	1.2	2.0	2.1	37	2600	1699
1x185	RM/25	16.0	3.4	1.2	2.0	2.2	39	3000	1876
1x240	RM/25	18.4	3.4	1.2	2.0	2.3	41	3700	2229
1x300	RM/25	20.7	3.4	1.3	2.0	2.4	44	4350	2508
1x400	RM/35	23.2	3.4	1.3	2.5	2.5	48	5450	3100
1x500	RM/35	27.0	3.4	1.4	2.5	2.6	52	6700	3650
1x630	RM/35	30.5	3.4	1.4	2.5	2.7	56	8250	4310
3x35	RM/16	6.9	3.4	1.4	2.5	2.7	53	5227	4585
3x50	RM/16	8.1	3.4	1.4	2.5	2.8	56	6000	5130
3x70	RM/16	9.7	3.4	1.5	2.5	2.9	60	7080	5832
3x95	RM/16	11.4	3.4	1.6	2.5	2.9	65	8250	6516
3x120	RM/16	12.7	3.4	1.6	2.5	3.0	68	9420	7236
3x150	RM/25	14.3	3.4	1.7	3.15	3.2	72	10740	8037
3x185	RM/25	16.0	3.4	1.8	3.15	3.4	77	13240	9868
3x240	RM/25	18.4	3.4	1.8	3.15	3.6	82	15650	11237
3x300	RM/25	20.7	3.4	1.9	3.15	3.7	87	19400	13874
3x400	RM/35	23.2	3.4	2.0	3.15	3.9	94	22500	15450
3x500	RM/35	27.0	3.4	2.2	3.15	4.0	101	26000	16850

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.



TAPE ARMOURED XLPE MV POWER CABLES U0/U(Um)=6/10(12)KV

Aluminium Tape Armoured Single Core N2XSYBY/ NA2XSYBY
Steel Tape Armoured Three Core N2XSEYBY/ NA2XSEYBY

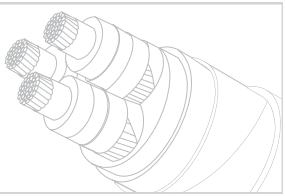
Standard:
IEC 60502-2
ISIRI 3569-2
VDE0 276-620

Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/Bd/ATA or STA/PVC
Stranded &Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Sheath PVC
Double Tape Armour
Overall Sheath PVC (1)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Tape Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	3.4	1.2	0.5	1.8	25	1060	850
1x50	RM/16	8.1	3.4	1.2	0.5	1.8	26	1200	900
1x70	RM/16	9.7	3.4	1.2	0.5	1.8	28	1450	1030
1x95	RM/16	11.4	3.4	1.2	0.5	1.9	30	1750	1150
1x120	RM/16	12.7	3.4	1.2	0.5	1.9	31	2030	1300
1x150	RM/25	14.3	3.4	1.2	0.5	2.0	33	2430	1500
1x185	RM/25	16.0	3.4	1.2	0.5	2.1	35	2830	1700
1x240	RM/25	18.4	3.4	1.2	0.5	2.1	37	3500	2000
1x300	RM/25	20.7	3.4	1.2	0.5	2.2	40	4170	2250
1x400	RM/35	23.2	3.4	1.3	0.5	2.4	44	5100	2700
1x500	RM/35	27.0	3.4	1.3	0.5	2.5	48	6300	3200
1x630	RM/35	30.5	3.4	1.4	0.5	2.5	52	7800	3730
3x35	RM/16	6.9	3.4	1.3	0.5	2.3	45	3890	3248
3x50	RM/16	8.1	3.4	1.3	0.5	2.4	48	4580	3710
3x70	RM/16	9.7	3.4	1.4	0.5	2.5	52	5530	4282
3x95	RM/16	11.4	3.4	1.5	0.5	2.7	56	6580	4846
3x120	RM/16	12.7	3.4	1.5	0.5	2.8	60	7650	5466
3x150	RM/25	14.3	3.4	1.6	0.5	2.9	63	8860	6157
3x185	RM/25	16.0	3.4	1.7	0.5	3.0	68	10390	7018
3x240	RM/25	18.4	3.4	1.8	0.5	3.2	73	12550	8137
3x300	RM/25	20.7	3.4	1.9	0.5	3.4	78	14990	9464
3x400	RM/35	23.2	3.4	2.0	0.8	3.7	88	19000	11950
3x500	RM/35	27.0	3.4	2.1	0.8	4.0	97	22800	13650

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.



Electrical Characteristics

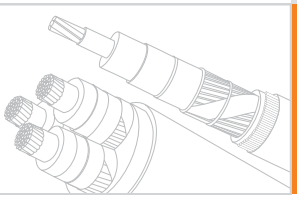
XLPE MV POWER CABLES U0/U(Um)=6/10(12) KV

SINGLE CORE

Conductor& Screen Nominal Cross Section		Max DC Resistance of Conductor at 20°C	Effective AC Resistance of Conductor at 90°C		Inductance		Capacitance
			Ω/Km		mH/Km		
mm²		Ω/Km	⁂	○○○	⁂	○○○	µF/Km
COPPER CONDUCTOR CABLES (N2XSY)							
1x35	RM/16	0.524	0.672	0.687	0.455	0.747	0.212
1x50	RM/16	0.387	0.497	0.511	0.434	0.719	0.233
1x70	RM/16	0.268	0.345	0.359	0.409	0.685	0.270
1x95	RM/16	0.193	0.250	0.262	0.391	0.659	0.301
1x120	RM/16	0.153	0.199	0.211	0.377	0.638	0.323
1x150	RM/25	0.124	0.164	0.181	0.364	0.613	0.354
1x185	RM/25	0.0991	0.132	0.149	0.353	0.595	0.385
1x240	RM/25	0.0754	0.102	0.117	0.338	0.572	0.428
1x300	RM/25	0.0601	0.0831	0.0972	0.329	0.556	0.471
1x400	RM/35	0.0470	0.0686	0.0864	0.315	0.526	0.530
1x500	RM/35	0.0366	0.0563	0.0724	0.306	0.511	0.591
1x630	RM/35	0.0283	0.0432	0.0664	0.292	0.492	0.660
1x800	RM/35	0.0221	0.0330	0.0360	0.283	0.485	0.754
1x1000	RM/35	0.0176	0.0270	0.0290	0.280	0.472	0.828
ALUMINIUM CONDUCTOR CABLES (NA2XSY)							
1x35	RM/16	0.868	1.12	1.13	0.455	0.747	0.212
1x50	RM/16	0.641	0.825	0.840	0.434	0.719	0.233
1x70	RM/16	0.443	0.571	0.585	0.409	0.685	0.270
1x95	RM/16	0.320	0.414	0.426	0.391	0.659	0.301
1x120	RM/16	0.253	0.328	0.340	0.377	0.638	0.323
1x150	RM/25	0.206	0.269	0.287	0.364	0.613	0.354
1x185	RM/25	0.164	0.215	0.232	0.353	0.595	0.385
1x240	RM/25	0.125	0.166	0.181	0.338	0.572	0.428
1x300	RM/25	0.100	0.134	0.148	0.329	0.556	0.471
1x400	RM/35	0.0778	0.107	0.126	0.315	0.526	0.530
1x500	RM/35	0.0605	0.0857	0.103	0.306	0.511	0.591
1x630	RM/35	0.0469	0.0664	0.080	0.292	0.492	0.660
1x800	RM/35	0.0367	0.0514	0.0624	0.274	0.485	0.754
1x1000	RM/35	0.0291	0.0467	0.0495	0.270	0.472	0.828

THREE CORE

COPPER CONDUCTOR CABLES (N2XSEY/N2XSEYRY/N2XSEYBY)					
3x35	RM/16	0.524	0.672	0.347	0.225
3x50	RM/16	0.387	0.497	0.331	0.249
3x70	RM/16	0.268	0.345	0.315	0.283
3x95	RM/16	0.193	0.250	0.306	0.315
3x120	RM/16	0.153	0.199	0.296	0.347
3x150	RM/25	0.124	0.164	0.290	0.374
3x185	RM/25	0.0991	0.132	0.283	0.406
3x240	RM/25	0.0754	0.102	0.274	0.456
3x300	RM/25	0.0601	0.0831	0.268	0.495
3x400	RM/35	0.0470	0.0686	0.258	0.558
3x500	RM/35	0.0366	0.0563	0.248	0.613
ALUMINIUM CONDUCTOR CABLES (NA2XSEY/NA2XSEYRY/NA2XSEYBY)					
3x35	RM/16	0.868	1.12	0.347	0.225
3x50	RM/16	0.641	0.825	0.331	0.249
3x70	RM/16	0.443	0.571	0.315	0.283
3x95	RM/16	0.320	0.414	0.306	0.315
3x120	RM/16	0.253	0.328	0.296	0.347
3x150	RM/25	0.206	0.269	0.290	0.374
3x185	RM/25	0.164	0.215	0.283	0.406
3x240	RM/25	0.125	0.166	0.274	0.456
3x300	RM/25	0.100	0.134	0.268	0.495
3x400	RM/35	0.0778	0.107	0.258	0.558
3x500	RM/35	0.0605	0.0857	0.248	0.613



UNARMOURED XLPE MV POWER CABLES U0/U(Um)=12/20(24)KV

- **Single Core** N2XSY/ NA2XSY
- **Three Core** N2XSEY/ NA2XSEY

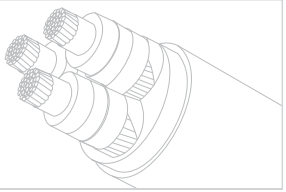
Standard:
IEC 60502-2
ISIRI 3569-2
VDE 0276-620

Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/PET/PVC
Stranded &Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Polyester Tape
Overall Sheath PVC(1)

CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
						Copper	Aluminium
mm^2		mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	5.5	1.8	27	945	725
1x50	RM/16	8.1	5.5	1.8	28	1100	800
1x70	RM/16	9.7	5.5	1.9	30	1350	910
1x95	RM/16	11.4	5.5	1.9	31	1650	1050
1x120	RM/16	12.7	5.5	2.0	33	1920	1200
1x150	RM/25	14.3	5.5	2.1	35	2220	1300
1x185	RM/25	16.0	5.5	2.1	36	2630	1470
1x240	RM/25	18.4	5.5	2.2	39	3250	1720
1x300	RM/25	20.7	5.5	2.3	41	3890	1970
1x400	RM/35	23.2	5.5	2.4	44	4880	2540
1x500	RM/35	27.0	5.5	2.5	48	6000	2980
1x630	RM/35	30.5	5.5	2.6	52	7450	3500
1x800	RM/35	34.5	5.5	2.7	56	9200	3900
1x1000	RM/35	39.0	5.5	2.8	61	11300	4900
3x35	RM/16	6.9	5.5	2.7	56	4500	3858
3x50	RM/16	8.1	5.5	2.9	60	5215	4345
3x70	RM/16	9.7	5.5	3.0	64	6180	4932
3x95	RM/16	11.4	5.5	3.1	67	7280	5546
3x120	RM/16	12.7	5.5	3.3	70	8370	6186
3x150	RM/25	14.3	5.5	3.4	76	9700	6997
3x185	RM/25	16.0	5.5	3.5	79	11280	7908
3x240	RM/25	18.4	5.5	3.7	85	13580	9167
3x300	RM/25	20.7	5.5	3.9	90	16000	10474
3x400	RM/35	23.2	5.5	4.1	95	19900	12850
3x500	RM/35	27.0	5.5	4.2	101	23600	14450

(1) on request ,other materials including PE,EPR,HFFR&LSZH is available.

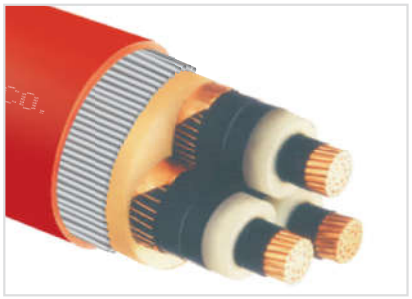


WIRE ARMOURED XLPE MV POWER CABLES U0/U(Um)=12/20(24)KV

Aluminium Wire Armoured Single Core N2XSYRY/ NA2XSYRY
Steel Wire Armoured Three Core N2XSEYRY/ NA2XSEYRY

Standard:
IEC 60502-2
ISIRI 3569-2
VDE 0276-620

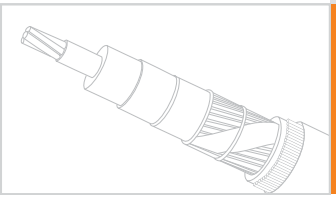
Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/Bd/AWA or SWA/PVC
Stranded &Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Sheath PVC
Wire Armour
Overall Sheath PVC(1)



CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Armour Wire Dia.	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	5.5	1.2	1.6	2.0	32	1400	1186
1x50	RM/16	8.1	5.5	1.2	2.0	2.1	35	1660	1370
1x70	RM/16	9.7	5.5	1.2	2.0	2.1	37	1950	1534
1x95	RM/16	11.4	5.5	1.2	2.0	2.2	38	2280	1702
1x120	RM/16	12.7	5.5	1.2	2.0	2.2	40	2590	1862
1x150	RM/25	14.3	5.5	1.2	2.0	2.3	41	2940	2639
1x185	RM/25	16.0	5.5	1.2	2.0	2.3	43	3450	2326
1x240	RM/25	18.4	5.5	1.3	2.5	2.5	47	4150	2679
1x300	RM/25	20.7	5.5	1.3	2.5	2.5	49	4900	3058
1x400	RM/35	23.2	5.5	1.4	2.5	2.6	53	6100	3750
1x500	RM/35	27.0	5.5	1.4	2.5	2.8	57	7100	4050
1x630	RM/35	30.5	5.5	1.5	2.5	2.9	60	8700	4800
3x35	RM/16	6.9	5.5	1.5	2.5	3.1	63	6700	6058
3x50	RM/16	8.1	5.5	1.6	3.15	3.1	66	7520	6650
3x70	RM/16	9.7	5.5	1.7	3.15	3.3	71	8600	7352
3x95	RM/16	11.4	5.5	1.7	3.15	3.4	75	10760	9026
3x120	RM/16	12.7	5.5	1.8	3.15	3.4	78	12070	9886
3x150	RM/25	14.3	5.5	1.8	3.15	3.5	83	13400	10697
3x185	RM/25	16.0	5.5	1.9	3.15	3.6	87	15230	11858
3x240	RM/25	18.4	5.5	2.0	3.15	3.8	93	19180	14767
3x300	RM/25	20.7	5.5	2.1	3.15	4.1	98	22600	17074
3x400	RM/35	23.2	5.5	2.2	4.0	4.4	106	25700	18650
3x500	RM/35	27.0	5.5	2.3	4.0	4.6	112	29800	20650

(1) on request ,other materials including PE,EPR,HFFR & LSZH is available.



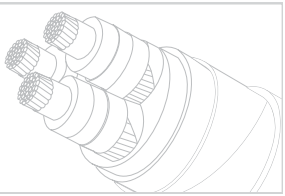
TAPE ARMOURED XLPE MV POWER CABLES U0/U(Um)=12/20(24)KV

- **Aluminium Tape Armoured Single Core N2XSYBY/ NA2XSYBY**
- **Steel Tape Armoured Three Core N2XSEYBY/ NA2XSEYBY**
- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
  VDE 0276-620
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/Bd/ATA or STA/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Sheath PVC
  Double Tape Armour
  Overall Sheath PVC (1)

- **CONSTRUCTIONAL & DESIGN DATA**

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Tape Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	5.5	1.2	0.5	1.9	31	1280	1066
1x50	RM/16	8.1	5.5	1.2	0.5	2.0	33	1450	1160
1x70	RM/16	9.7	5.5	1.2	0.5	2.0	34	1700	1284
1x95	RM/16	11.4	5.5	1.2	0.5	2.1	36	2050	1472
1x120	RM/16	12.7	5.5	1.2	0.5	2.1	38	2320	1592
1x150	RM/25	14.3	5.5	1.2	0.5	2.2	39	2770	1869
1x185	RM/25	16.0	5.5	1.2	0.5	2.2	41	3170	2046
1x240	RM/25	18.4	5.5	1.3	0.5	2.4	44	3850	2379
1x300	RM/25	20.7	5.5	1.3	0.5	2.4	46	4530	2688
1x400	RM/35	23.2	5.5	1.4	0.5	2.5	50	5500	3150
1x500	RM/35	27.0	5.5	1.4	0.5	2.6	53	6700	3650
1x630	RM/35	30.5	5.5	1.5	0.5	2.7	57	8200	4260
3x35	RM/16	6.9	5.5	1.5	0.5	2.9	60	5080	4438
3x50	RM/16	8.1	5.5	1.6	0.5	3.0	62	5840	7670
3x70	RM/16	9.7	5.5	1.7	0.5	3.1	67	6860	5612
3x95	RM/16	11.4	5.5	1.7	0.5	3.2	71	8000	6266
3x120	RM/16	12.7	5.5	1.8	0.5	3.3	74	9150	6966
3x150	RM/25	14.3	5.5	1.8	0.5	3.4	78	10400	7697
3x185	RM/25	16.0	5.5	1.9	0.8	3.6	82	12000	8628
3x240	RM/25	18.4	5.5	2.0	0.8	3.8	89	15300	10887
3x300	RM/25	20.7	5.5	2.1	0.8	4.0	94	17500	11974
3x400	RM/35	23.2	5.5	2.2	0.8	4.1	101	20800	13750
3x500	RM/35	27.0	5.5	2.3	0.8	4.3	109	25000	15850

(1) on request ,other materials including PE,EPR,HFFR & LSZH is available.



Electrical Characteristics

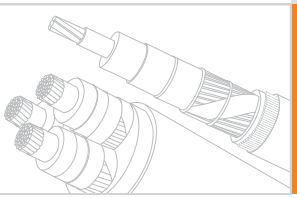
XLPE MV POWER CABLES U0/U(Um)=12/20(24) KV

SINGLE CORE

Conductor& Screen Nominal Cross Section		Max DC Resistance of Conductor at 20°C	Effective AC Resistance of Conductor at 90°C		Inductance		Capacitance
			Ω/Km		mH/Km		
mm²		Ω/Km					μF/Km
COPPER CONDUCTOR CABLES (N2XSY)							
1x35	RM/16	0.524	0.671	0.685	0.488	0.757	0.159
1x50	RM/16	0.387	0.497	0.509	0.465	0.729	0.175
1x70	RM/16	0.268	0.345	0.357	0.438	0.695	0.196
1x95	RM/16	0.193	0.249	0.261	0.419	0.668	0.216
1x120	RM/16	0.153	0.198	0.209	0.403	0.645	0.235
1x150	RM/25	0.124	0.163	0.179	0.389	0.622	0.254
1x185	RM/25	0.0991	0.132	0.147	0.377	0.605	0.273
1x240	RM/25	0.0754	0.102	0.116	0.361	0.581	0.304
1x300	RM/25	0.0601	0.0827	0.0958	0.350	0.565	0.329
1x400	RM/35	0.0470	0.0681	0.0848	0.335	0.536	0.368
1x500	RM/35	0.0366	0.0557	0.0709	0.326	0.519	0.402
1x630	RM/35	0.0283	0.0432	0.0602	0.311	0.485	0.473
ALUMINIUM CONDUCTOR CABLES (NA2XSY)							
1x35	RM/16	0.868	1.12	1.13	0.488	0.757	0.159
1x50	RM/16	0.641	0.825	0.840	0.465	0.729	0.175
1x70	RM/16	0.443	0.571	0.585	0.438	0.695	0.196
1x95	RM/16	0.320	0.414	0.426	0.419	0.668	0.216
1x120	RM/16	0.253	0.328	0.340	0.403	0.645	0.235
1x150	RM/25	0.206	0.269	0.287	0.389	0.622	0.254
1x185	RM/25	0.164	0.215	0.232	0.377	0.605	0.273
1x240	RM/25	0.125	0.166	0.181	0.361	0.581	0.304
1x300	RM/25	0.100	0.134	0.148	0.350	0.565	0.329
1x400	RM/35	0.0778	0.107	0.126	0.335	0.536	0.368
1x500	RM/35	0.0605	0.0857	0.103	0.326	0.519	0.402
1x630	RM/35	0.0469	0.0664	0.080	0.311	0.485	0.473

THREE CORE

COPPER CONDUCTOR CABLES (N2XSEY/N2XSEYRY/N2XSEYBY)						
3x35	RM/16	0.524	0.671	0.382	0.159	
3x50	RM/16	0.387	0.497	0.369	0.175	
3x70	RM/16	0.268	0.345	0.350	0.196	
3x95	RM/16	0.193	0.249	0.341	0.216	
3x120	RM/16	0.153	0.199	0.328	0.235	
3x150	RM/25	0.124	0.163	0.322	0.254	
3x185	RM/25	0.0991	0.132	0.309	0.273	
3x240	RM/25	0.0754	0.102	0.299	0.304	
3x300	RM/25	0.0601	0.0827	0.290	0.329	
3x400	RM/35	0.0470	0.0681	0.280	0.368	
3x500	RM/35	0.0366	0.0557	0.271	0.402	
ALUMINIUM CONDUCTOR CABLES (NA2XSEY/NA2XSEYRY/NA2XSEYBY)						
3x35	RM/16	0.868	1.12	0.382	0.159	
3x50	RM/16	0.641	0.825	0.369	0.175	
3x70	RM/16	0.443	0.571	0.350	0.196	
3x95	RM/16	0.320	0.413	0.341	0.216	
3x120	RM/16	0.253	0.328	0.328	0.235	
3x150	RM/25	0.206	0.269	0.322	0.254	
3x185	RM/25	0.164	0.215	0.309	0.273	
3x240	RM/25	0.125	0.165	0.299	0.304	
3x300	RM/25	0.100	0.133	0.290	0.329	
3x400	RM/35	0.0778	0.107	0.280	0.368	
3x500	RM/35	0.0605	0.0852	0.271	0.402	



UNARMOURED XLPE MV POWER CABLES U0/U(Um)=18/30(36)KV

- **Single Core** N2XSY/ NA2XSY
- **Three Core** N2XSEY/ NA2XSEY

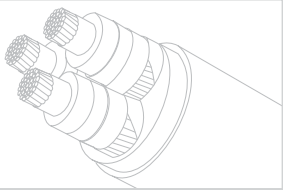
Standard:
IEC 60502-2
ISIRI 3569-2
VDE 0276-620

Construction :
CU or AL/SC/XLPE/SC/SCT/CWT/PET/PVC
Stranded &Compacted Copper or Aluminium Conductor
Conductor Screen of Semi-Conducting Compound
Dry Cured XLPE Insulation
Insulation Screen of Semi-Conducting Compound
Semi-Conducting Bedding Tape
Copper Wire Screen + Equalizing Cu Tape
Separation Polyester Tape
Overall Sheath PVC(1)

CONSTRUCTIONAL & DESIGN DATA

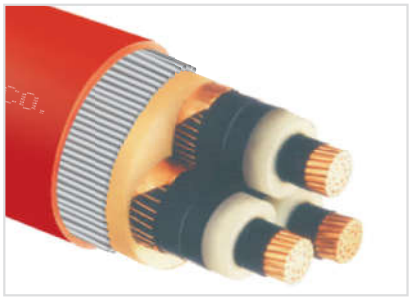
Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
						Copper	Aluminium
mm^2		mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	8	2.0	32	1110	970
1x50	RM/16	8.1	8	2.0	33	1380	1070
1x70	RM/16	9.7	8	2.1	35	1630	1200
1x95	RM/16	11.4	8	2.1	37	1950	1350
1x120	RM/16	12.7	8	2.2	38	2230	1480
1x150	RM/25	14.3	8	2.2	40	2550	1630
1x185	RM/25	16.0	8	2.3	42	2950	1800
1x240	RM/25	18.4	8	2.4	44	3600	2100
1x300	RM/25	20.7	8	2.5	47	4300	2380
1x400	RM/35	23.2	8	2.6	50	5200	2750
1x500	RM/35	27.0	8	2.7	54	6350	3200
1x630	RM/35	30.5	8	2.8	58	7800	3800
1x800	RM/35	34.5	8	2.9	62	9600	4450
1x1000	RM/35	39.0	8	3.0	67	11800	5300
3x35	RM/16	6.9	8	3.0	68	6050	5408
3x50	RM/16	8.1	8	3.2	71	6890	6020
3x70	RM/16	9.7	8	3.3	74	7970	6722
3x95	RM/16	11.4	8	3.5	78	9160	7426
3x120	RM/16	12.7	8	3.6	82	10370	8186
3x150	RM/25	14.3	8	3.6	86	11600	8897
3x185	RM/25	16.0	8	3.9	90	13200	9828
3x240	RM/25	18.4	8	4.0	95	15860	11447
3x300	RM/25	20.7	8	4.2	100	18100	12574
3x400	RM/35	23.2	8	4.4	108	21300	14250
3x500	RM/35	27.0	8	4.6	116	25900	16750

(1) request ,other materials including PE,EPR,HFFR&LSZH is available.



WIRE ARMOURED XLPE MV POWER CABLES U0/U(Um)=18/30(36)KV

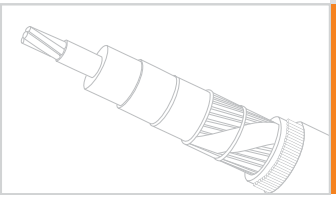
- **Aluminium Wire Armoured Single Core N2XSYRY/ NA2XSYRY**
- **Steel Wire Armoured Three Core N2XSEYRY/ NA2XSEYRY**
- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
  VDE 0276-620
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/Bd/AWA or SWA/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Sheath PVC
  Wire Armour
  Overall Sheath PVC(1)



CONSTRUCTIONAL & DESIGN DATA

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Armour Wire Dia.	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	8	1.2	2.0	2.1	39	1710	1400
1x50	RM/16	8.1	8	1.2	2.0	2.2	40	2050	1750
1x70	RM/16	9.7	8	1.2	2.0	2.3	42	2350	1940
1x95	RM/16	11.4	8	1.2	2.0	2.3	44	2700	2100
1x120	RM/16	12.7	8	1.3	2.5	2.4	45	3190	2440
1x150	RM/25	14.3	8	1.3	2.5	2.5	48	3650	2730
1x185	RM/25	16.0	8	1.3	2.5	2.5	50	4100	2950
1x240	RM/25	18.4	8	1.4	2.5	2.6	53	4850	3350
1x300	RM/25	20.7	8	1.4	2.5	2.7	55	5550	3650
1x400	RM/35	23.2	8	1.5	2.5	2.8	58	6600	4150
1x500	RM/35	27.0	8	1.5	2.5	3.0	63	7800	4700
1x630	RM/35	30.5	8	1.6	3.15	3.2	69	8900	7960
3x35	RM/16	6.9	8	1.8	3.15	3.4	78	11500	10858
3x50	RM/16	8.1	8	1.8	3.15	3.5	79	12540	11670
3x70	RM/16	9.7	8	1.9	3.15	3.6	83	13800	12552
3x95	RM/16	11.4	8	1.9	3.15	3.7	87	15630	13896
3x120	RM/16	12.7	8	2.0	4.0	3.9	93	16840	14656
3x150	RM/25	14.3	8	2.1	4.0	4.0	96	19000	16297
3x185	RM/25	16.0	8	2.1	4.0	4.1	100	22020	18648
3x240	RM/25	18.4	8	2.2	4.0	4.3	106	23500	19087
3x300	RM/25	20.7	8	2.3	4.0	4.5	113	26500	20974
3x400	RM/35	23.2	8	2.4	5.0	4.8	121	33800	26750
3x500	RM/35	27.0	8	2.5	5.0	5	130	39500	30350

(1) on request ,other materials including PE,EPR,HFFR & LSZH is available.



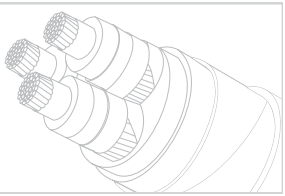
TAPE ARMOURED XLPE MV POWER CABLES U0/U(Um)=18/30(36)KV

- **Aluminium Tape Armoured Single Core N2XSYBY/ NA2XSYBY**
- **Steel Tape Armoured Three Core N2XSEYBY/ NA2XSEYBY**
- **Standard:**
  IEC 60502-2
  ISIRI 3569-2
  VDE 0276-620
- **Construction :**
  CU or AL/SC/XLPE/SC/SCT/CWT/Bd/ATA or STA/PVC
  Stranded &Compacted Copper or Aluminium Conductor
  Conductor Screen of Semi-Conducting Compound
  Dry Cured XLPE Insulation
  Insulation Screen of Semi-Conducting Compound
  Semi-Conducting Bedding Tape
  Copper Wire Screen + Equalizing Cu Tape
  Separation Sheath PVC
  Double Tape Armour
  Overall Sheath PVC (1)

- **CONSTRUCTIONAL & DESIGN DATA**

Conductor& Screen Nominal Cross Section		Conductor Diameter	Insulation Thickness	Separation Sheath Thickness	Tape Thickness	Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight	
								Copper	Aluminium
mm^2		mm	mm	mm	mm	mm	mm	kg/km	
1x35	RM/16	6.9	8	1.2	0.5	0.5	36	1490	1250
1x50	RM/16	8.1	8	1.2	0.5	0.5	38	1780	1390
1x70	RM/16	9.7	8	1.2	0.5	0.5	40	2060	1550
1x95	RM/16	11.4	8	1.2	0.5	0.5	41	2400	1700
1x120	RM/16	12.7	8	1.3	0.5	0.5	43	2730	1900
1x150	RM/25	14.3	8	1.3	0.5	0.5	45	3150	2230
1x185	RM/25	16.0	8	1.3	0.5	0.5	47	3600	2450
1x240	RM/25	18.4	8	1.4	0.5	0.5	49	4330	2800
1x300	RM/25	20.7	8	1.4	0.5	0.5	52	5000	3100
1x400	RM/35	23.2	8	1.5	0.5	0.5	55	6000	3580
1x500	RM/35	27.0	8	1.5	0.5	0.5	59	7200	4100
1x630	RM/35	30.5	8	1.6	0.5	0.5	62	8500	4560
3x35	RM/16	6.9	8	1.8	0.5	3.3	74	7250	6608
3x50	RM/16	8.1	8	1.8	0.5	3.4	75	8140	7270
3x70	RM/16	9.7	8	1.9	0.5	3.5	79	10050	8802
3x95	RM/16	11.4	8	1.9	0.8	3.6	84	11340	4606
3x120	RM/16	12.7	8	2.0	0.8	3.7	87	12650	10466
3x150	RM/25	14.3	8	2.1	0.8	3.8	91	13950	11247
3x185	RM/25	16.0	8	2.1	0.8	4.0	95	15650	12278
3x240	RM/25	18.4	8	2.2	0.8	4.2	101	18490	14077
3x300	RM/25	20.7	8	2.3	0.8	4.3	106	21200	15674
3x400	RM/35	23.2	8	2.4	0.8	4.5	113	25000	18000
3x500	RM/35	27.0	8	2.5	0.8	4.6	119	29000	19850

(1) on request ,other materials including PE,EPR,HFFR & LSZH is available.



Electrical Characteristics

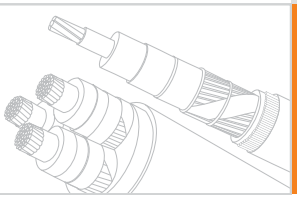
XLPE MV POWER CABLES U0/U(Um)=18/30(36) KV

SINGLE CORE

Conductor& Screen Nominal Cross Section		Max DC Resistance of Conductor at 20°C	Effective AC Resistance of Conductor at 90°C		Inductance		Capacitance
			Ω/Km		mH/Km		
mm²		Ω/Km					μF/Km
COPPER CONDUCTOR CABLES (N2XSY)							
1x35	RM/16	0.524	0.671	0.683	0.521	0.768	0.212
1x50	RM/16	0.387	0.496	0.508	0.496	0.740	0.233
1x70	RM/16	0.268	0.345	0.355	0.468	0.705	0.270
1x95	RM/16	0.193	0.249	0.259	0.474	0.678	0.301
1x120	RM/16	0.153	0.198	0.208	0.430	0.656	0.323
1x150	RM/25	0.124	0.163	0.177	0.415	0.632	0.354
1x185	RM/25	0.0991	0.131	0.145	0.402	0.615	0.385
1x240	RM/25	0.0754	0.101	0.114	0.384	0.591	0.428
1x300	RM/25	0.0601	0.0823	0.0944	0.373	0.575	0.471
1x400	RM/35	0.0470	0.0677	0.0831	0.357	0.545	0.530
1x500	RM/35	0.0366	0.0552	0.0695	0.346	0.529	0.591
1x630	RM/35	0.0283	0.0411	0.0452	0.323	0.497	0.660
ALUMINIUM CONDUCTOR CABLES (NA2XSY)							
1x35	RM/16	0.868	1.12	1.13	0.521	0.768	0.212
1x50	RM/16	0.641	0.825	0.840	0.496	0.740	0.233
1x70	RM/16	0.443	0.571	0.585	0.468	0.705	0.270
1x95	RM/16	0.320	0.414	0.426	0.474	0.678	0.301
1x120	RM/16	0.253	0.328	0.340	0.430	0.656	0.323
1x150	RM/25	0.206	0.269	0.287	0.415	0.632	0.354
1x185	RM/25	0.164	0.215	0.232	0.402	0.615	0.385
1x240	RM/25	0.125	0.166	0.181	0.384	0.591	0.428
1x300	RM/25	0.100	0.134	0.148	0.373	0.575	0.471
1x400	RM/35	0.0778	0.107	0.126	0.357	0.545	0.530
1x500	RM/35	0.0605	0.0857	0.103	0.346	0.529	0.591
1x630	RM/35	0.0469	0.0664	0.080	0.323	0.497	0.660

THREE CORE

COPPER CONDUCTOR CABLES (N2XSEY/N2XSEYRY/N2XSEYBY)						
3x35	RM/16	0.524	0.671	0.417	0.125
3x50	RM/16	0.387	0.496	0.408	0.136
3x70	RM/16	0.268	0.345	0.389	0.151
3x95	RM/16	0.193	0.249	0.373	0.165
3x120	RM/16	0.153	0.198	0.360	0.178
3x150	RM/25	0.124	0.163	0.350	0.191
3x185	RM/25	0.0991	0.131	0.341	0.205
3x240	RM/25	0.0754	0.101	0.325	0.227
3x300	RM/25	0.0601	0.0823	0.315	0.244
3x400	RM/35	0.0470	0.0677	0.306	0.271
3x500	RM/35	0.0366	0.0552	0.296	0.295
ALUMINIUM CONDUCTOR CABLES (NA2XSEY/NA2XSEYRY/NA2XSEYBY)						
3x35	RM/16	0.868	1.12	0.417	0.125
3x50	RM/16	0.641	0.825	0.408	0.136
3x70	RM/16	0.443	0.571	0.389	0.151
3x95	RM/16	0.320	0.413	0.373	0.165
3x120	RM/16	0.253	0.327	0.360	0.178
3x150	RM/25	0.206	0.269	0.350	0.191
3x185	RM/25	0.164	0.215	0.341	0.205
3x240	RM/25	0.125	0.165	0.325	0.227
3x300	RM/25	0.100	0.133	0.315	0.244
3x400	RM/35	0.0778	0.106	0.306	0.271
3x500	RM/35	0.0605	0.0849	0.296	0.295



UNARMOURED XLPE H.V. POWER CABLES U0/U(Um)= 36/63(72.5)KV(1)

N2XSY/NA2XSY

Standard:
IEC 60840 ، VDE 0276 -632

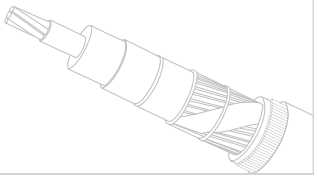
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/CWS/PET/PVC
Stranded and compacted Aluminum or copper conductor
semi-conducting tape
inner semi conductor
XLPE insulation
outer semi conductor
Water blocking semi conducting tape
copper wire screen + copper tape applied helically
polyester tape
PVC outer sheath (2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	Outer Sheath Thickness	Approx. Overall Diameter
No.xmm²	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	39	2.5	49
1x240 RM/25	18.4	10.5	42	2.6	51
1x300 RM/25	20.5	10.5	44	2.7	54
1x400 RM/35	23.3	10.5	47	2.8	57
1x500 RM/50	26.5	10.5	50	2.9	61
1x630 RM/50	30.2	10.5	54	3	65
1x800 RM/50	34.5	10.5	58	3.2	69
1x1000 RM/50	39	10.5	63	3.3	74
1x1200 RM/50	42	10.5	66	3.5	77

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



WIRE ARMOURED XLPE H.V . POWER CABLES U0/U(Um)= 36/63(72.5)KV(1)

N2XSYRY/NA2XSYRY

Standard:
IEC 60840 , VDE 0276-632

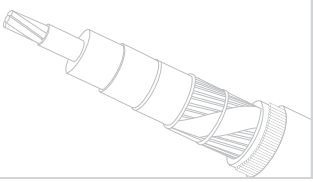
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/CWS/PET/PVC(Bd)/AWA/PVC
Stranded and compacted Aluminum or copper conductor
inner semi conductor
XLPE insulation
outer semi conductor
water blocking semi conducting tape
copper wire screen + copper tape applied helically
polyester tape
PVC inner sheath
Aluminum wire armor
PVC outer sheath(2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	Armour Wire Dia.	Outer Sheath Thickness	Approx. Overall Diameter
No.xmm²	mm	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	39	2.5	2.8	58
1x240 RM/25	18.4	10.5	42	3.15	2.9	62
1x300 RM/25	20.5	10.5	44	3.15	3	64
1x400 RM/35	23.3	10.5	47	3.15	3.1	67
1x500 RM/50	26.5	10.5	50	3.15	3.2	71
1x630 RM/50	30.2	10.5	54	3.15	3.4	75
1x800 RM/50	34.5	10.5	58	3.15	3.5	80
1x1000 RM/50	39	10.5	63	3.15	3.7	85
1x1200 RM/50	42	10.5	66	3.15	3.8	88

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



TAPE ARMOURED XLPE H.V. POWER CABLES U0/U(Um)= 36/63(72.5)KV(1)

N2XSYBY/NA2XSYBY

Standard:
IEC 60840 ، VDE 0276-632

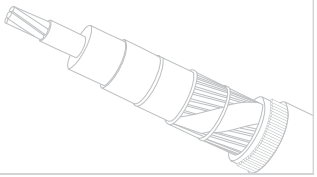
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/CWS/PET/PVC(Bd)/ ATA/PVC
Stranded and compacted Aluminum or copper conductor
semi-conducting tape
inner semi conductor
XLPE insulation
outer semi conductor
water blocking semi conducting tape
copper wire screen + copper tape applied helically
polyester tape
PVC inner sheath,
Aluminum tape armor
PVC outer sheath (2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	Armoure Tape Thickness	Outer Sheath Thickness	Approx. Overall Diameter
No.xmm²	mm	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	39	0.5	2.7	54
1x240 RM/25	18.4	10.5	42	0.5	2.8	57
1x300 RM/25	20.5	10.5	44	0.5	2.9	60
1x400 RM/35	23.3	10.5	47	0.5	3	63
1x500 RM/50	26.5	10.5	50	0.5	3.1	67
1x630 RM/50	30.2	10.5	54	0.5	3.2	71
1x800 RM/50	34.5	10.5	58	0.5	3.4	76
1x1000 RM/50	39	10.5	63	0.8	3.6	82
1x1200 RM/50	42	10.5	66	0.8	3.7	85

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

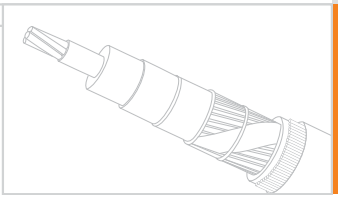
(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



Electrical Characteristics

XLPE HV POWER CABLES U0/U(Um)=36/63(72.5) KV

Core/screen Cross-section	Max.DC resistance of Conductor at 20°C	Max . AC resistance of Conductor at 90°C	Reactance		Capacitance
No.xmm²	Ω/Km	Ω/Km	Ω/Km	Ω/Km	µF/Km
NA2XSY					
1x185 RM/25	0.164	0.208	0.122	0.180	0.165
1x240 RM/25	0.125	0.159	0.117	0.175	0.181
1x300 RM/25	0.100	0.127	0.114	0.172	0.194
1x400 RM/35	0.0778	0.0973	0.109	0.167	0.214
1x500 RM/50	0.0605	0.0782	0.106	0.164	0.234
1x630 RM/50	0.0469	0.0614	0.102	0.160	0.257
1x800 RM/50	0.0367	0.0493	0.098	0.156	0.284
1x1000RM/50	0.0291	0.0396	0.095	0.153	0.311
1x1200RM/50	0.0247	0.0326	0.094	0.152	0.330
NA2XSYRY					
1x185 RM/25	0.164	0.208	0.132	0.190	0.165
1x240 RM/25	0.125	0.159	0.128	0.186	0.181
1x300 RM/25	0.100	0.127	0.124	0.183	0.194
1x400 RM/35	0.0778	0.0973	0.119	0.177	0.214
1x500 RM/50	0.0605	0.0782	0.115	0.173	0.234
1x630 RM/50	0.0469	0.0614	0.112	0.170	0.257
1x800 RM/50	0.0367	0.0493	0.108	0.166	0.284
1x1000RM/50	0.0291	0.0396	0.104	0.162	0.311
1x1200RM/50	0.0247	0.0326	0.103	0.161	0.330
NA2XSYBY					
1x185 RM/25	0.164	0.208	0.128	0.186	0.165
1x240 RM/25	0.125	0.159	0.123	0.181	0.181
1x300 RM/25	0.100	0.127	0.120	0.178	0.194
1x400 RM/35	0.0778	0.0973	0.115	0.173	0.214
1x500 RM/50	0.0605	0.0782	0.111	0.169	0.234
1x630 RM/50	0.0469	0.0614	0.108	0.166	0.257
1x800 RM/50	0.0367	0.0493	0.104	0.162	0.284
1x1000RM/50	0.0291	0.0396	0.102	0.160	0.311
1x1200RM/50	0.0247	0.0326	0.100	0.158	0.330
N2XSY					
1x185 RM/ 25	0.0991	0.127	0.122	0.180	0.165
1x240 RM/ 25	0.0754	0.0973	0.117	0.175	0.181
1x300 RM /25	0.0601	0.0782	0.114	0.172	0.194
1x400 RM /35	0.0470	0.0614	0.109	0.167	0.214
1x500 RM/50	0.0366	0.0493	0.106	0.164	0.234
1x630 RM/50	0.283	0.0396	0.102	0.160	0.257
1x800 RM/50	0.0221	0.0326	0.098	0.156	0.284
1x1000 RM/50	0.0176	0.0276	0.095	0.153	0.311
N2XSYRY					
1x185 RM/ 25	0.0991	0.127	0.132	0.190	0.165
1x240 RM/ 25	0.0754	0.0973	0.128	0.186	0.181
1x300 RM /25	0.0601	0.0782	0.124	0.183	0.194
1x400 RM /35	0.0470	0.0614	0.119	0.177	0.214
1x500 RM/50	0.0366	0.0493	0.115	0.173	0.234
1x630 RM/50	0.283	0.0396	0.112	0.170	0.257
1x800 RM/50	0.0221	0.0326	0.108	0.166	0.284
1x1000 RM/50	0.0176	0.0276	0.104	0.162	0.311
N2XSYBY					
1x185 RM/ 25	0.0991	0.127	0.128	0.186	0.165
1x240 RM/ 25	0.0754	0.0973	0.123	0.181	0.181
1x300 RM /25	0.0601	0.0782	0.120	0.178	0.194
1x400 RM /35	0.0470	0.0614	0.115	0.173	0.214
1x500 RM/50	0.0366	0.0493	0.111	0.169	0.234
1x630 RM/50	0.283	0.0396	0.108	0.166	0.257
1x800 RM/50	0.0221	0.0326	0.104	0.162	0.284
1x1000 RM/50	0.0176	0.0276	0.102	0.160	0.311



UNARMOURED WATER BLOCKING XLPE H.V. POWER CABLES U0/U(Um)=36/63(72.5)KV(1)

N2XS(FL)2Y/NA2XS(FL)2Y

Standard:
IEC 60840, VDE 0276-632

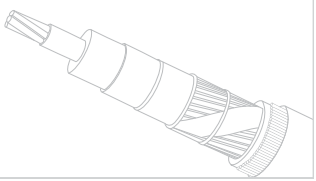
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/CWS/WBT/ALCO/HDPE
Stranded and compacted Aluminum or copper conductor
semi-conductor tape
inner semi conductor
XLPE insulation
outer semi conductor
water blocking semi conducting tape
copper wire screen + copper tape applied helically
water blocking tape
AL copolymer coated tape applied longitudinally
HDPE outer sheath(2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	AL copolymer coated Tape thickness	Outer Sheath Thickness	Overall Diameter
No.mm²	mm	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	40	0.3	2.6	51
1x240 RM/25	18.4	10.5	42	0.3	2.7	54
1x300 RM/25	20.5	10.5	45	0.3	2.8	56
1x400 RM/35	23.3	10.5	48	0.3	2.9	60
1x500 RM/50	26.5	10.5	51	0.3	3	63
1x630 RM/50	30.2	10.5	55	0.3	3.1	67
1x800 RM/50	34.5	10.5	59	0.3	3.3	72
1x1000 RM/50	39	10.5	63	0.3	3.4	76
1x1200 RM/50	42	10.5	66	0.3	3.5	80

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



WIRE ARMOURED WATER BLOCKING XLPE H.V. POWER CABLES U0/U(Um)=36/63(72.5)KV(1)

N2XS(FL)2YRY/NA2XS(FL)2YRY

Standard:
IEC 60840, VDE 0276-632

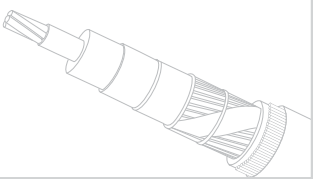
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/CWS/WBT/ALCO/PE(Bd)/AWA/PVC
Stranded and compacted Aluminum or copper conductor
inner semi conductor
XLPE insulation
outer semi conductor
water blocking semi conducting tape
copper wire screen plus copper tape applied helically
water blocking tape
AL copolymer coated tape applied longitudinally
PE inner sheath
Aluminum wire armor
PVC outer sheath(2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	AL copolymer coated Tape thickness	Armor Wire Dia.	Outer Sheath Thickness	Overall Diameter
No.mm²	mm	mm	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	40	0.3	2.5	2.9	60
1x240 RM/25	18.4	10.5	42	0.3	3.15	3	64
1x300 RM/25	20.5	10.5	45	0.3	3.15	3.1	66
1x400 RM/35	23.3	10.5	48	0.3	3.15	3.2	70
1x500 RM/50	26.5	10.5	51	0.3	3.15	3.3	73
1x630 RM/50	30.2	10.5	55	0.3	3.15	3.5	78
1x800 RM/50	34.5	10.5	59	0.3	4	3.7	84
1x1000 RM/50	39	10.5	63	0.3	4	3.8	89
1x1200 RM/50	42	10.5	66	0.3	4	3.9	92

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



TAPE ARMOURED WATER BLOCKING XLPE H.V. POWER CABLES U0/U(Um)=36/63(72.5)KV(1)

N2XS(FL)2YBY/NA2XS(FL)2YBY

Standard:
IEC 60840 ، VDE 0276-632

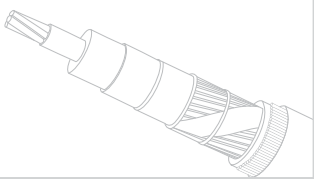
Construction :
CU or AL/SCT/SC/XLPE/SC/SCT(WB)/ALCO/PE(Bd)/ATA/PVC
Stranded and compacted Aluminum or copper conductor
inner semi conductor
XLPE insulation
outer semi conductor
water blocking semi conducting tape
copper wire screen plus copper tape applied helically
water blocking tape
AL copolymer coated tape applied longitudinally
PE inner sheath
Aluminum tape armor
PVC outer sheath(2)

CONSTRUCTIONAL & DESIGN DATA

Conductor & Screen Nominal Cross Section	Conductor Diameter	Insulation Thickness	Diameter over Insulation	AL copolymer coated Tape thickness	Armor tape thickness	Outer Sheath Thickness	Overall Diameter
No.mm²	mm	mm	mm	mm	mm	mm	mm
1x185 RM/25	16	10.5	40	0.3	0.5	2.8	57
1x240 RM/25	18.4	10.5	42	0.3	0.5	2.9	60
1x400 RM/35	23.3	10.5	48	0.3	0.5	2.9	62
1x500 RM/50	26.5	10.5	51	0.3	0.5	3.1	65
1x630 RM/50	30.2	10.5	55	0.3	0.5	3.2	69
1x800 RM/50	34.5	10.5	59	0.3	0.5	3.3	73
1x1000 RM/50	39	10.5	63	0.3	0.8	3.5	78
1x1200 RM/50	42	10.5	66	0.3	0.8	3.7	84

Max .conductor temperature in continuous operation : 90°C
Max . conductor temperature in short circuit.250°C

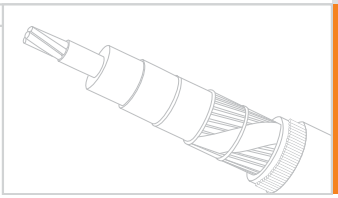
(1) Dry curing/Dry cooling Dry: Nitrogen gas
(2) HDPE , halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent over sheath. is also available on request .



Electrical Characteristics

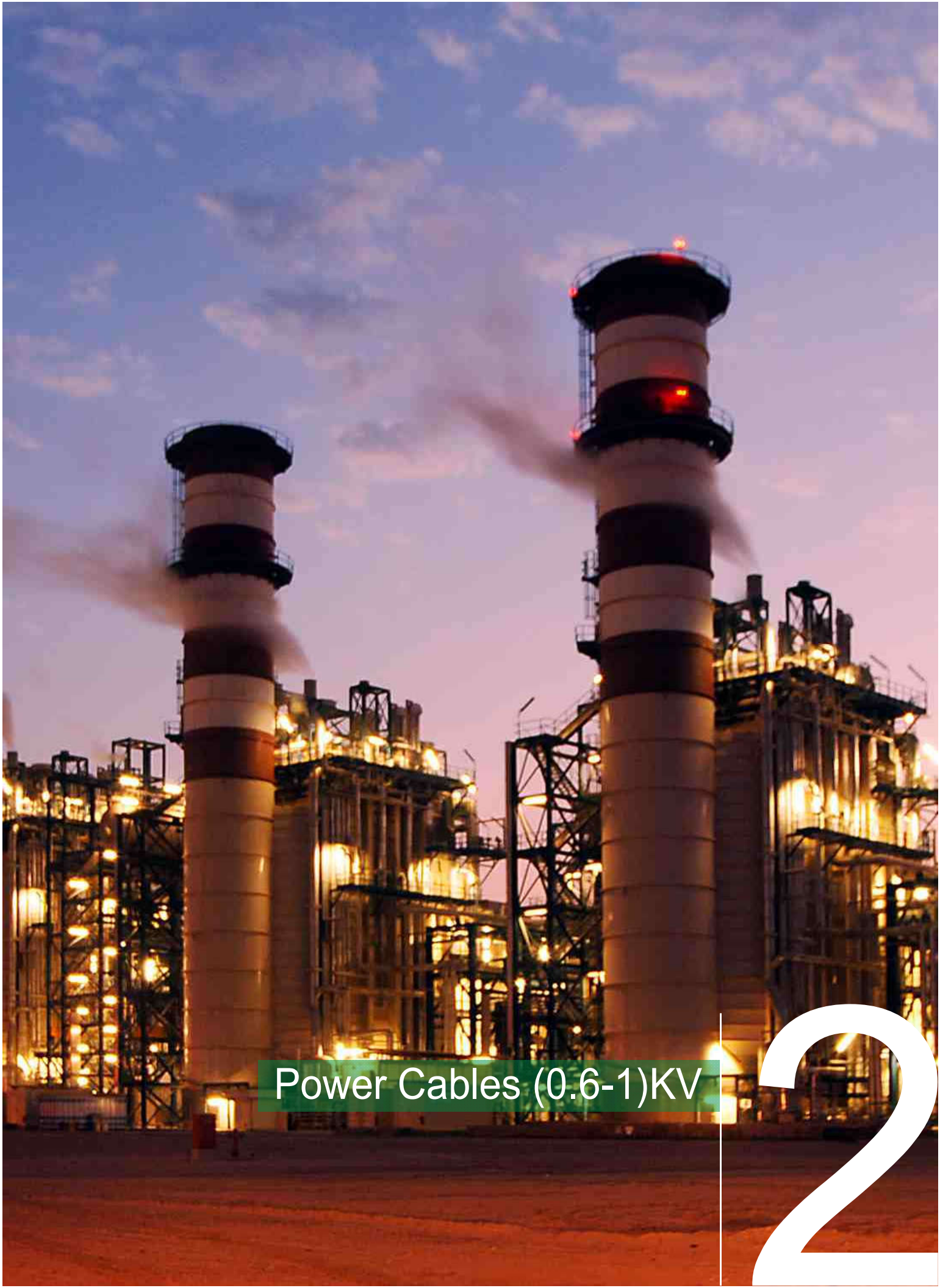
XLPE HV POWER CABLES U0/U(Um)=36/63(72.5) KV

No. of cores x Cross section Screen cross section	Max.DC resistance of Conductor at 20°C	Max . AC resistance of Conductor at 90°C	Reactance		Capacitance
No.xmm²	Ω/Km	Ω/Km	Ω/Km	Ω/Km	µF/Km
N2XS(FL)2Y					
1x185 RM/ 25	0.0991	0.127	0.123	0.181	0.165
1x240 RM/ 25	0.0754	0.0973	0.118	0.176	0.181
1x300 RM /25	0.0601	0.0782	0.115	0.173	0.194
1x400 RM /35	0.0470	0.0614	0.110	0.168	0.214
1x500 RM/50	0.0366	0.0493	0.106	0.165	0.234
1x630 RM/50	0.283	0.0396	0.103	0.161	0.257
1x800 RM/50	0.0221	0.0326	0.099	0.158	0.284
1x1000 RM/50	0.0176	0.0276	0.096	0.155	0.311
N2XS(FL)2YRY					
1x185 RM/25	0.0991	0.127	0.132	0.190	0.165
1x240 RM/25	0.0754	0.0973	0.129	0.187	0.181
1x300 RM/25	0.0601	0.0782	0.125	0.183	0.194
1x400 RM/35	0.0470	0.0614	0.120	0.178	0.214
1x500 RM/50	0.0366	0.0493	0.116	0.174	0.234
1x630 RM/50	0.283	0.0396	0.113	0.171	0.257
1x800 RM/50	0.0221	0.0326	0.110	0.168	0.284
1x1000 RM/50	0.0176	0.0276	0.106	0.164	0.311
N2XS(FL)2YBY					
1x185 RM/25	0.0991	0.127	0.129	0.187	0.165
1x240 RM/25	0.0754	0.0973	0.124	0.182	0.181
1x300 RM/25	0.0601	0.0782	0.120	0.178	0.194
1x400 RM/35	0.0470	0.0614	0.116	0.174	0.214
1x500 RM/50	0.0366	0.0493	0.112	0.170	0.234
1x630 RM/50	0.283	0.0396	0.108	0.166	0.257
1x800 RM/50	0.0221	0.0326	0.105	0.163	0.284
1x1000 RM/50	0.0176	0.0276	0.103	0.161	0.311
NA2XS(FL)2Y					
1x185 RM/25	0.164	0.208	0.123	0.181	0.165
1x240 RM/25	0.125	0.159	0.118	0.176	0.181
1x300 RM/25	0.100	0.127	0.115	0.173	0.194
1x400 RM/35	0.0778	0.0973	0.110	0.169	0.214
1x500 RM/50	0.0605	0.0782	0.106	0.165	0.234
1x630 RM/50	0.0469	0.0614	0.103	0.161	0.257
1x800 RM/50	0.0367	0.0493	0.099	0.158	0.284
1x1000 RM/50	0.0291	0.0396	0.096	0.155	0.311
NA2XS(FL)2YRY					
1x185 RM/25	0.0991	0.127	0.132	0.190	0.165
1x240 RM/25	0.0754	0.0973	0.129	0.187	0.181
1x300 RM/25	0.0601	0.0782	0.125	0.183	0.194
1x400 RM/35	0.0470	0.0614	0.120	0.178	0.214
1x500 RM/50	0.0366	0.0493	0.116	0.174	0.234
1x630 RM/50	0.283	0.0396	0.113	0.171	0.257
1x800 RM/50	0.0221	0.0326	0.110	0.168	0.284
1x1000 RM/50	0.0291	0.0396	0.106	0.164	0.311
NA2XS(FL)2YBY					
1x185 RM/25	0.164	0.208	0.129	0.187	0.165
1x240 RM/25	0.125	0.159	0.124	0.182	0.181
1x300 RM/25	0.100	0.127	0.120	0.178	0.194
1x400 RM/35	0.0778	0.0973	0.116	0.174	0.214
1x500 RM/50	0.0605	0.0782	0.112	0.170	0.234
1x630 RM/50	0.0469	0.0614	0.108	0.166	0.257
1x800 RM/50	0.0367	0.0493	0.105	0.163	0.284
1x1000 RM/50	0.0291	0.0396	0.103	0.161	0.311



Note:

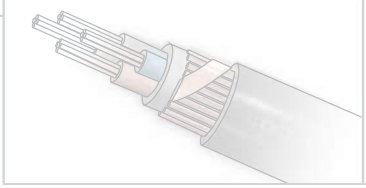
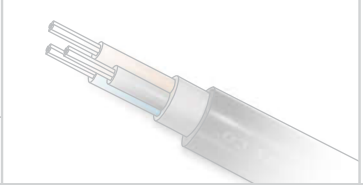
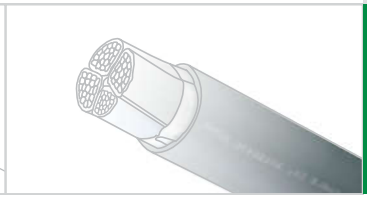
کابلهای قدرت (۱-۰/۶) کیلوولت



Power Cables (0.6-1)KV

2

CONTENTS

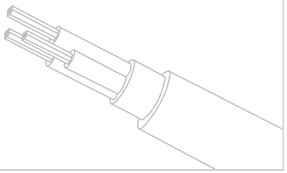




Power Cable NYY

- **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**: 70ºC
- **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^2	mm	mm	mm	kg/km
1x1.5 RE	0.8	1.4	5.8	49
1x2.5 RE	0.8	1.4	6.2	61
1x4 RE	1	1.4	7.1	85
1x6 RE	1	1.4	7.6	108
1x10 RE	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	0.8	1.8	11.6	184
2x2.5 RE	0.8	1.8	12.4	222
2x4 RE	1	1.8	14.1	299
2x6 RE	1	1.8	15.1	363
2x10 RE	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

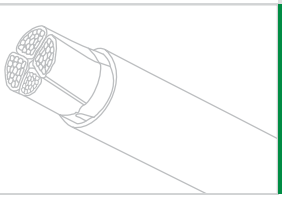
On request, Aluminium Conductor is also available



Power Cable NYY

Nominal Insulation Cross Section	No. of Cores & Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm^2	mm	mm	mm	kg/km
3x1.5 RE	0.8	1.8	12.0	206
3x2.5 RE	0.8	1.8	12.9	254
3x4 RE	1	1.8	14.8	350
3x6 RE	1	1.8	15.9	434
3x10 RE	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
3x120 SM	1.6	2.2	36.1	3990
3x150 SM	1.8	2.3	40.1	4948
3x185 SM	2	2.5	44.4	6080
3x240 SM	2.2	2.7	49.8	7802
3x300 SM	2.4	2.9	52.4	9639
4x1.5 RE	0.8	1.8	12.8	240
4x2.5 RE	0.8	1.8	13.8	300
4x4 RE	1	1.8	15.9	419
4x6 RE	1	1.8	17.1	524
4x10 RE	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
4x120 SM	1.6	2.2	38.6	5038
4x150 SM	1.8	2.3	42.6	6201
4x185 SM	2	2.5	47.2	7737
4x240 SM	2.2	2.7	53.3	10076
4x300 SM	2.4	2.9	58.7	12561
4x400 SM	2.6	3.1	66.9	16018
5x1.5 RE	0.8	1.8	13.6	277
5x2.5 RE	0.8	1.8	14.7	349
5x4 RE	1	1.8	17.1	495
5x6 RE	1	1.8	18.5	628
5x10 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
5x120 RM	1.6	2.6	51.7	7503
5x150 RM	1.8	2.8	56.9	9225
5x185 RM	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



Power Cable N2XY

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

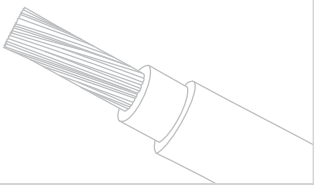
Construction :
CU/XLPE/PVC/PVC
Conductor: Plain Annealed Copper Wire (class 1,2)
Insulation Type: XLPE
Filling Material: PVC
Sheath Material: PVC 90 -ST2

Maximum Conductor Temperature: 90ºC

Application:
For Outdoors And Indoors Installation, In Damp And Wet Locations Laid Direct In The Graound (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.)
mm²	mm	mm	mm	kg/km
1x1.5 RE	0.7	1.4	5.6	45
1x2.5 RE	0.7	1.4	6	56
1x4 RE	0.7	1.4	6.5	74
1x6 RE	0.7	1.4	7	95
1x10 RE	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	0.7	1.8	11.2	161
2x2.5 RE	0.7	1.8	12	195
2x4 RE	0.7	1.8	12.9	241
2x6 RE	0.7	1.8	13.9	299
2x10 RE	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

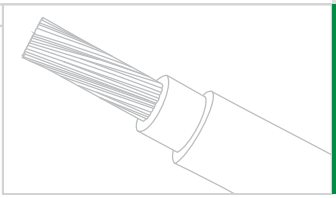
On request, Aluminium Conductor is also available



Power Cable N2XY

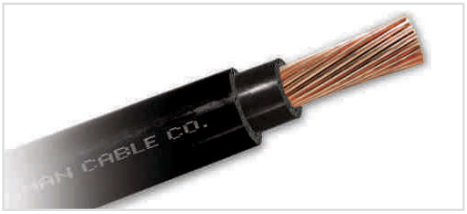
No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx.)
mm²	mm	mm	mm	kg/km
3x1.5 RE	0.7	1.8	11.6	180
3x2.5 RE	0.7	1.8	12.5	224
3x4 RE	0.7	1.8	13.5	284
3x6 RE	0.7	1.8	14.6	361
3x10 RE	0.7	1.8	16.3	505
3x16 RM	0.7	1.8	19.4	739
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	0.7	1.8	12.3	208
4x2.5 RE	0.7	1.8	13.3	263
4x4 RE	0.7	1.8	14.5	342
4x6 RE	0.7	1.8	15.7	438
4x10 RE	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	0.7	1.8	13.1	241
5x2.5 RE	0.7	1.8	14.2	309
5x4 RE	0.7	1.8	15.5	405
5x6 RE	0.7	1.8	16.8	523
5x10 RE	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	23.5	1256
3x35+16 RM	0.9 / 0.7	1.8	25.4	1552
3x50+25 SM	1 / 0.9	1.8	24.5	1774
3x70+35 SM	1.1 / 0.9	1.9	27.9	2482
3x95+50 SM	1.1 / 1	2	31.5	3365
3x120+70 SM	1.2 / 1.1	2.1	34.8	4290
3x150+70 SM	1.4 / 1.1	2.2	39.0	5381
3x185+95 SM	1.6 / 1.1	2.4	43.2	6716
3x240+120 SM	1.7 / 1.2	2.5	48.6	8661
3x300+150 SM	1.8 / 1.4	2.7	53.8	10805
3x400+185 SM	2 / 1.6	2.9	61.4	13346

On request, Aluminium Conductor is also available

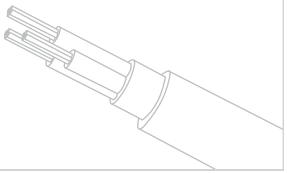


Power Cable N2XH

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1,ISIRI 3569-1
- **Construction :**
  CU/MGT/PET/XLPE/HFLS/HFLS
  Conductor: Plain Annealed copper wire (class 2)
  Flam barrier: Mica glass tape
  Insulation Type: XLPE
  Inner sheath: Halogen free, Low smoke, Flame retardant – HFLS
  Outer 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: 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 is case of fire and where, for a defined period of time, the continuity of control and energy supply is of vital necessity.

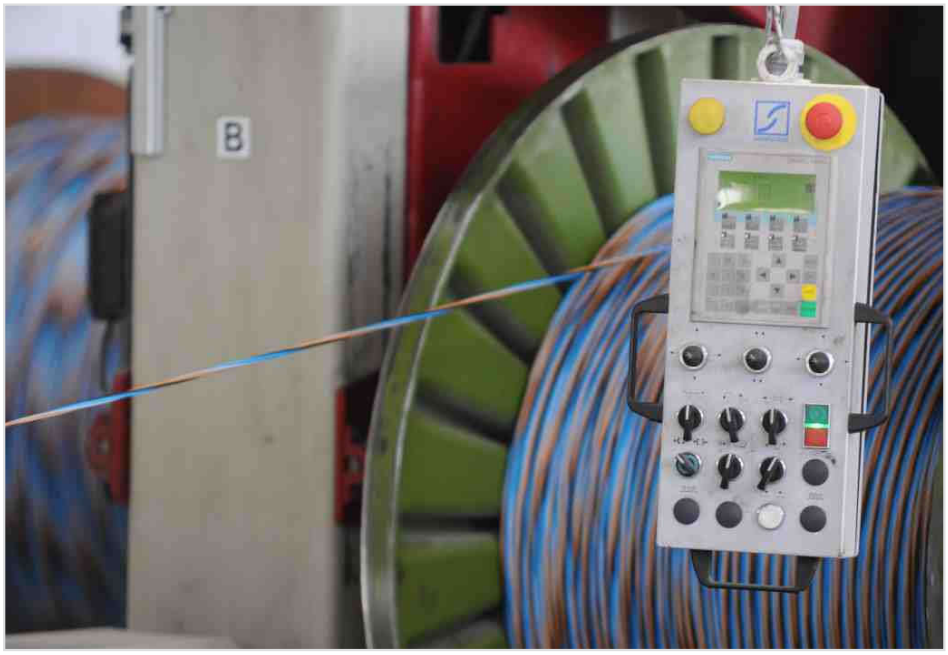


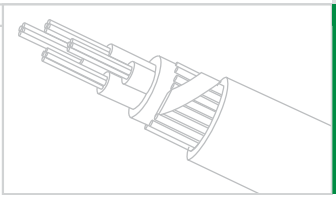
No. of Cores & Cross Section	No. strand x diameter	Nominal Insulation thickness	Nominal sheath thickness	Overall Diameter (Approx.)	Total Weight (Approx.)
mm²	No. x mm	mm	mm	mm	kg/km
2x1.5 RM	7x0.53	0.7	1.8	12.4	170
2x2.5 RM	7x0.67	0.7	1.8	13.2	230
2x4 RM	7x0.85	0.7	1.8	14.4	282
2x5 RM	7x1.04	0.7	1.8	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



Concentric Power Cable NYCY

- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1,IEC 60228, ISIRI 3569-1
- **Construction :**
  CU/PVC/CWS(CTS)/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
  Sheath Material: P.V.C - ST1
- **Maximum Conductor Temperature:** 70ºC
- **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.

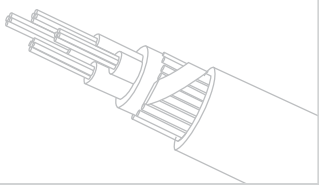




Concentric Power Cable NYCY

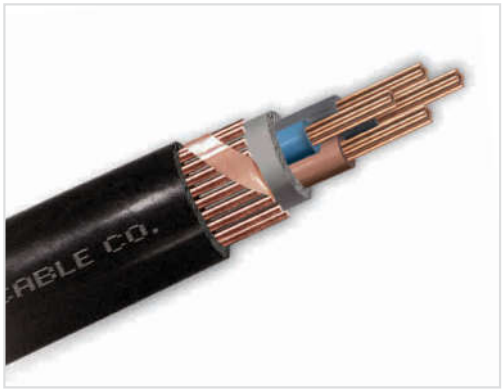
No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Nominal Concentric Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
1x1.5RE/1.5	0.8	0	0.5	1.4	7.0	77
1x2.5RE/2.5	0.8	0	0.5	1.4	7.4	98
1x4 RE/4	1	0	0.8	1.4	8.9	142
1x6 RE/6	1	0	0.8	1.4	9.8	191
1x10 RE/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/1.5	0.8	1	0.5	1.8	12.8	221
2x2.5RE/2.5	0.8	1	0.5	1.8	13.6	269
2x4 RE/4	1	1	0.8	1.8	15.9	367
2x6 RE/6	1	1	0.8	1.8	16.9	451
2x10 RE/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 2x50	1.4	1	0.9	1.9	29.6	2081
3x1.5RE/1.5	0.8	1	0.5	1.8	13.2	243
3x2.5RE/2.5	0.8	1	0.5	1.8	14.1	301
3x4 RE/4	1	1	0.8	1.8	16.6	419
3x6 RE/6	1	1	0.8	1.8	17.7	523
3x10 RE/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/1.5	0.8	1	0.5	1.8	14.0	269
4x2.5RE/2.5	0.8	1	0.5	1.8	15.0	338
4x4 RE/4.4	1	1	0.8	1.8	17.7	474
4x6 RE/6	1	1	0.8	1.8	18.9	597
4x10 RE/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/1.5	0.8	1	0.5	1.8	14.8	305
5x2.5RE/2.5	0.8	1	0.5	1.8	15.9	386
5x4 RE/4.4	1	1	0.8	1.8	18.9	550
5x6 RE/6	1	1	0.8	1.8	20.3	699
5x10 RE/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	0.8	1.8	26.7	1554
3x35+16 RM/16	1.2 1	1	0.8	1.9	28.9	1885
3x50+25 SM/25	1.4 1.2	1	0.9	1.8	30.4	2319
3x70+35 SM/35	1.4 1.2	1.2	0.9	1.9	33.7	3169
3x95+50 SM/50	1.6 1.4	1.2	0.9	2	38.4	4279

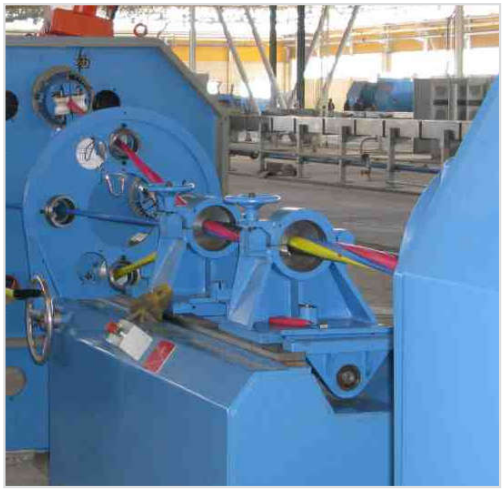
On request, Aluminium Conductor is also available

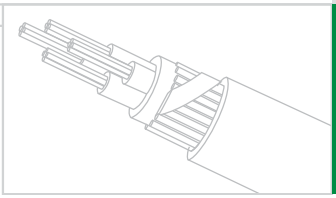


Concentric Power Cable N2XCY

- **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:** 90ºC
- **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 SusceptibleTo Sliding.



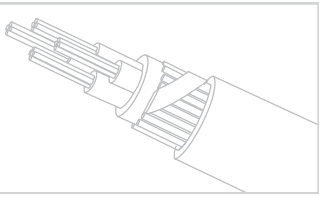




Concentric Power Cable N2XCY

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^2	mm	mm	mm	mm	mm	kg/km
1x1.5 RE/1.5	0.7	0	0.5	1.4	6.8	81
1x2.5 RE/2.5	0.7	0	0.5	1.4	7.2	104
1x4 RE/4	0.7	0	0.8	1.4	8.3	148
1x6 RE/6	0.7	0	0.8	1.4	8.8	190
1x10 RE/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
2x1.5 RE/1.5	0.7	1	0.5	1.8	12.4	220
2x2.5 RE/2.5	0.7	1	0.5	1.8	13.2	266
2x4 RE/4	0.7	1	0.8	1.8	14.7	351
2x6 RE/6	0.7	1	0.8	1.8	15.7	433
2x10 RE/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
3x1.5 RE/1.5	0.7	1	0.5	1.8	12.8	241
3x2.5 RE/2.5	0.7	1	0.5	1.8	13.7	298
3x4 RE/4	0.7	1	0.8	1.8	15.3	398
3x6 RE/6	0.7	1	0.8	1.8	16.4	500
3x10 RE/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
4x1.5 RE/1.5	0.7	1	0.5	1.8	13.5	272
4x2.5 RE/2.5	0.7	1	0.5	1.8	14.5	341
4x4 RE/4	0.7	1	0.8	1.8	16.3	462
4x6 RE/6	0.7	1	0.8	1.8	17.5	584
4x10 RE/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
5x1.5 RE/1.5	0.7	1	0.5	1.8	14.3	308
5x2.5 RE/2.5	0.7	1	0.5	1.8	15.4	389
5x4 RE/4	0.7	1	0.8	1.8	17.3	528
5x6 RE/6	0.7	1	0.8	1.8	18.6	671
5x10 RE/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

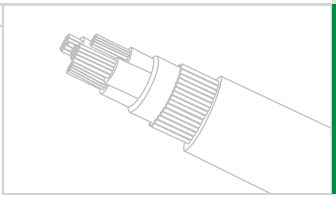


Armoured Power Cable NYRY

- **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^2	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	0.8	1	0.9	1.8	13.4	332
2x2.5 RE	0.8	1	0.9	1.8	14.2	383
2x4 RE	1	1	1.25	1.8	16.6	568
2x6 RE	1	1	1.25	1.8	17.6	650
2x10 RE	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	0.8	1	0.9	1.8	13.8	363
3x2.5 RE	0.8	1	0.9	1.8	14.7	420
3x4 RE	1	1	1.25	1.8	17.3	630
3x6 RE	1	1	1.25	1.8	18.4	741
3x10 RE	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

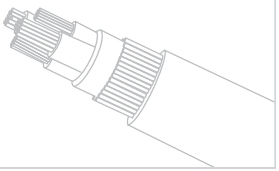
On request, Aluminium Conductor is also available



Armoured Power Cable NYRY

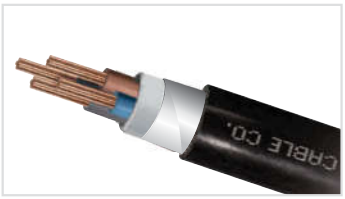
No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
3x120 SM	1.6	1.2	2	2.3	42.7	5648
3x150 SM	1.8	1.4	2.5	2.5	48.3	7280
3x185 SM	2	1.4	2.5	2.7	52.6	8653
3x240 SM	2.2	1.6	2.5	2.9	58.4	10720
3x300 SM	2.4	1.6	2.5	2.9	60.4	12609
4x1.5 RE	0.8	1	0.9	1.8	14.6	407
4x2.5 RE	0.8	1	1.25	1.8	16.3	563
4x4 RE	1	1	1.25	1.8	18.4	726
4x6 RE	1	1	1.25	1.8	19.6	859
4x10 RE	1	1	1.25	1.8	21.6	1109
4x16 RM	1	1	1.6	1.8	25.7	1638
4x25 RM	1.2	1	1.6	1.9	29.1	2204
4x35 RM	1.2	1	1.6	2.0	31.9	2737
4x50 SM	1.4	1	2	2.0	33.5	3335
4x70 SM	1.4	1.2	2	2.2	37.7	4351
4x95 SM	1.6	1.2	2	2.3	42.2	5649
4x120SM	1.6	1.2	2.5	2.5	46.6	7164
4x150SM	1.8	1.4	2.5	2.6	51.0	8594
4x185 SM	2	1.4	2.5	2.7	55.4	10340
4x240 SM	2.2	1.6	2.5	3.0	62.1	13081
4x300 SM	2.4	1.6	2.5	3.1	67.3	15821
4x400 SM	2.6	1.8	3.15	3.5	77.6	20715
5x1.5 RE	0.8	1	0.9	1.8	15.4	457
5x2.5 RE	0.8	1	1.25	1.8	17.2	630
5x4 RE	1	1	1.25	1.8	19.6	829
5x6 RE	1	1	1.25	1.8	21.0	988
5x10 RE	1	1	1.6	1.8	23.8	1402
5x16 RM	1	1	1.6	1.8	27.7	1921
5x25 RM	1.2	1	1.6	2.0	31.6	2605
5x35 RM	1.2	1.2	2	2.1	36.0	3533
5x50 RM	1.4	1.2	2	2.3	40.4	4476
5x70 RM	1.4	1.2	2.5	2.5	46.7	6273
5x95 RM	1.6	1.4	2.5	2.7	52.6	8095
5x120 RM	1.6	1.4	2.5	2.8	57.1	9710
5x150 RM	1.8	1.6	2.5	3.0	62.3	11601
5x185 RM	2	1.6	2.5	3.2	68.6	14104
3x25+16 RM	1.2 1	1	1.6	1.9	28.3	2055
3x35+16 RM	1.2 1	1	1.6	1.9	30.3	2458
3x50+25 SM	1.4 1.2	1	1.6	1.8	31.6	2834
3x70+35 SM	1.4 1.2	1.2	2	1.9	35.7	3927
3x95+50 SM	1.6 1.4	1.2	2	2	40.4	5083
3x120+70 SM	1.6 1.4	1.2	2	2.1	43.2	6123
3x150+70 SM	1.8 1.4	1.4	2.5	2.3	48.7	7880
3x185+95 SM	2 1.6	1.4	2.5	2.4	52.9	9463
3x240+120 SM	2.2 1.6	1.6	2.5	2.6	59.3	11914
3x300+150 SM	2.4 1.8	1.6	2.5	2.8	65.0	14453
3x400+185 SM	2.6 2	1.6	3.15	3	73.9	18277

On request, Aluminium Conductor is also available



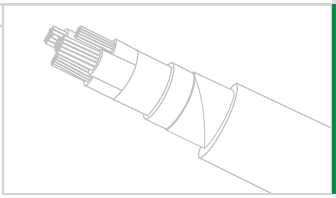
Tape Armoured Power Cable NYBY

- **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:** 70ºC
- **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^2	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	0.8	0.2	1.8	13.4	256
2x2.5 RE	0.8	0.2	1.8	14.2	297
2x4 RE	1	0.2	1.8	15.9	382
2x6 RE	1	0.2	1.8	16.9	451
2x10 RE	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	0.8	0.2	1.8	13.8	280
3x2.5 RE	0.8	0.2	1.8	14.7	333
3x4 RE	1	0.2	1.8	16.6	439
3x6 RE	1	0.2	1.8	17.7	528
3x10 RE	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

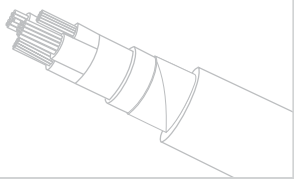
On request, Aluminium Conductor is also available



Tape Armoured Power Cable NYBY

No. of Cores & Cross Section	Nominal Insulation Thickness	Armour Tape Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	kg/km
4x1.5 RE	0.8	0.2	1.8	14.6	319
4x2.5 RE	0.8	0.2	1.8	15.6	384
4x4 RE	1	0.2	1.8	17.7	513
4x6 RE	1	0.2	1.8	19.8	719
4x6 RE	1	0.2	1.8	18.9	656
4x10 RM	1	0.2	1.8	22.0	950
4x10 RE	1	0.2	1.8	20.9	837
4x16 RM	1	0.2	1.8	24.3	1171
4x25 RM	1.2	0.2	1.8	27.5	1645
4x35 RM	1.2	0.2	1.9	30.3	2108
4x35 SM	1.2	0.2	1.8	27.7	1789
4x50 RM	1.4	0.2	2.1	34.4	2892
4x50 SM	1.4	0.2	2	31.3	2477
4x70 RM	1.4	0.5	2.2	39.7	4312
4x70 SM	1.4	0.2	2.1	35.3	3363
4x95 RM	1.6	0.5	2.4	43.7	5528
4x95 SM	1.6	0.5	2.3	41.8	4928
4x120 RM	1.6	0.5	2.5	48.7	6818
4x120 SM	1.6	0.5	2.4	45.0	5952
4x150 RM	1.8	0.5	2.7	52.9	8191
4x150 SM	1.8	0.5	2.6	49.6	7264
4x185 RM	2.0	0.5	2.9	59.1	10117
4x185 SM	2.0	0.5	2.7	54.0	8865
4x240 RM	2.2	0.5	3.1	65.0	12727
4x240 SM	2.2	0.5	2.9	60.5	11376
4x300 RM	2.4	0.5	3.3	71.2	15541
4x300 SM	2.4	0.5	3.1	65.9	13958
4x400 RM	2.6	0.5	3.6	81.2	19713
4x400 SM	2.6	0.5	3.4	74.3	17604
5x1.5 RM	0.8	0.2	1.8	15.4	394
5x1.5 RE	0.8	0.2	1.8	14.9	342
5x2.5 RM	0.8	0.2	1.8	16.6	477
5x2.5 RE	0.8	0.2	1.8	16.0	420
5x4 RM	1.0	0.2	1.8	18.3	628
5x4 RE	1.0	0.2	1.8	17.3	528
5x6 RM	1.0	0.2	1.8	20.6	805
5x6 RE	1.0	0.2	1.8	18.6	658
5x10 RM	1.0	0.2	1.8	23.1	1100
5x10 RE	1.0	0.2	1.8	20.8	913
5x16 RM	1.0	0.2	1.8	26	1499
5x25 RM	1.2	0.2	1.8	30.6	2130
5x35 RM	1.2	0.2	1.9	32.4	2610
5x50 RM	1.4	0.2	2.1	37.1	3560
5x70 RM	1.4	0.5	2.2	43.1	5163
5x95 RM	1.6	0.5	2.5	49.5	6822
5x120 RM	1.6	0.5	2.6	49.7	8010
5x150 RM	1.8	0.5	2.8	59.5	10200
5x185 RM	2.0	0.5	3.0	65.5	12345
3x25+16 RM	1.2 / 1	0.2	1.8	27.0	1642
3x35+16 RM	1.2 / 1	0.2	1.8	28.1	1921
3x50+25 SM/RM	1.4 / 1.2	0.2	2.0	31.0	2508
3x70+35 SM	1.4 / 1.2	0.2	2.1	34.3	3284
3x95+50 SM	1.6 / 1.4	0.5	2.3	40.1	4740
3x120+70 SM	1.6 / 1.4	0.5	2.3	43.4	5785
3x150+70 SM	1.8 / 1.4	0.5	2.5	47.8	6931
3x185+95 SM	2.0 / 1.6	0.5	2.7	52.6	8474
3x240+120 SM	2.2 / 1.6	0.5	2.9	58.6	10663
3x300+150 SM	2.4 / 1.8	0.5	3.1	64.6	13063

On request, Aluminium Conductor is also available



Armoured Power Cable N2XRY

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

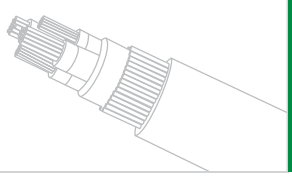
- **Construction :**
  CU/XLPE/Bd/SWA or AWA/PVC
  Conductor: Plain Annealed Copper (class 1,2)
  Insulation Type: XLPE
  Bedding Material: PVC 90
  Armour material: Galvanized Steel Wire/Aluminium Wire
  Sheath Material: PVC 90 - ST2

- **Maximum Conductor Temperature:** 90ºC

- **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 InclinedLaying, 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^2	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	0.7	1	0.9	1.8	13.0	312
2x2.5 RE	0.7	1	0.9	1.8	13.8	356
2x4 RE	0.7	1	0.9	1.8	14.7	417
2x6 RE	0.7	1	1.25	1.8	16.4	573
2x10 RE	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	0.7	1	0.9	1.8	13.4	336
3x2.5 RE	0.7	1	0.9	1.8	14.3	395
3x4 RE	0.7	1	0.9	1.8	15.3	471
3x6 RE	0.7	1	1.25	1.8	17.1	655
3x10 RE	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

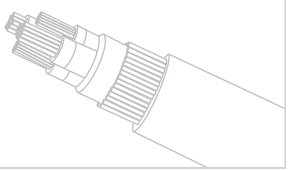
On request, Aluminium Conductor is also available



Armoured Power Cable N2XRY

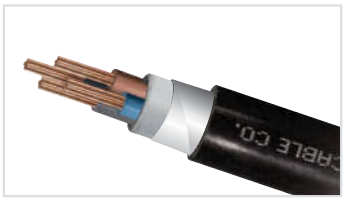
No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
3x150 SM	1.4	1.4	2.5	2.5	46.5	6921
3x185 SM	1.6	1.4	2.5	2.6	50.6	8180
3x240 SM	1.7	1.6	2.5	2.8	56.0	10185
3x300 SM	1.8	1.6	2.5	3	58.0	11979
4x1.5 RE	0.7	1	0.9	1.8	14.1	374
4x2.5 RE	0.7	1	0.9	1.8	15.1	450
4x4 RE	0.7	1	1.25	1.8	17.0	626
4x6 RE	0.7	1	1.25	1.8	18.2	751
4x10 RE	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	0.7	1	0.9	1.8	14.9	423
5x2.5 RE	0.7	1	1.25	1.8	16.7	593
5x4 RE	0.7	1	1.25	1.8	18.0	718
5x6 RE	0.7	1	1.25	1.8	19.3	866
5x10 RE	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



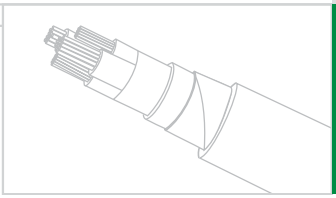
Tape Armoured Power Cable N2XBY

- **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:** 90ºC
- **Application**:
  For Outdoor Installation In Damp And Wet Location , Laid Direct In The Ground, Where Excessive Mechanical StressesAre 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^2	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	0.7	0.2	1.8	13.0	239
2x2.5 RE	0.7	0.2	1.8	13.8	279
2x4 RE	0.7	0.2	1.8	14.7	331
2x6 RE	0.7	0.2	1.8	15.7	396
2x10 RE	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	0.7	0.2	1.8	13.4	261
3x2.5 RE	0.7	0.2	1.8	14.3	312
3x4 RE	0.7	0.2	1.8	15.3	379
3x6 RE	0.7	0.2	1.8	16.4	464
3x10 RE	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

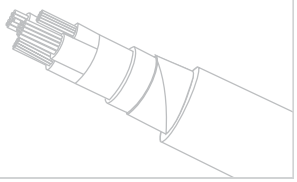
On request, Aluminium Conductor is also available



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^2	mm	mm	mm	mm	kg/km
4x1.5 RE	0.7	0.2	1.8	14.1	294
4x2.5 RE	0.7	0.2	1.8	15.1	357
4x4 RE	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

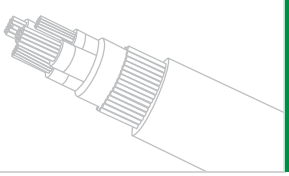
Applicable Standard: IEC 60502-1,ISIRI 3569-1

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.)
mm²	No. x mm	mm	mm	mm	kg/km
2x1.5 RN	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



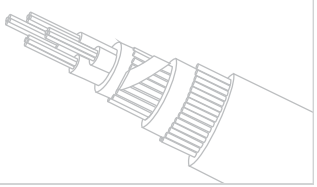
Concentric - Armoured Power Cable NYCYRY

- **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 90-ST2
  Armour Material: Galvanized Steel Wire/Aluminium Wire
  Sheath Material: P.V.C - ST1

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

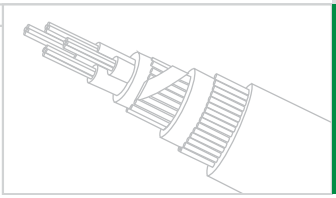
- **Application:**
  Predominantly Designed For Installation In Industrial And Control Equipment, In Power House And Where Ever A High Level Of Both Electrical And Mechanical Protection Is Required.



Concentric - Armoured Power Cable NYCYRY

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Nominal Concentric Wire Diameter	Nominal Separation Sheath Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	mm	mm	kg/km
1x16 RM/16	1	0	0.8	1.2	1.25	1.5	16.7	573
1x25 RM/25	1.2	0	0.9	1.2	1.25	1.5	18.2	777
1x35 RM/35	1.2	0	0.9	1.2	1.25	1.6	19.5	993
1x50 RM/50	1.4	0	0.9	1.2	1.6	1.8	22.1	1306
2x1.5 RE/1.5	0.8	1	0.5	1.2	1.25	1.8	17.7	587
2x2.5 RE/2.5	0.8	1	0.5	1.2	1.25	1.8	18.5	656
2x4 RE/4	1	1	0.8	1.2	1.25	1.8	20.8	820
2x6 RE/6	1	1	0.8	1.2	1.6	1.8	22.5	1045
2x10 RE/10	1	1	0.8	1.2	1.6	1.8	24.1	1257
2x16 RM/16	1	1	0.8	1.2	1.6	1.8	27.0	1606
2x25 RM/25	1.2	1	0.9	1.2	1.6	1.9	30.0	2078
2x35 RM/35	1.2	1	0.9	1.2	2	2.0	33.2	2713
2x50 RM/50	1.4	1	0.9	1.2	2	2.1	36.4	3330
3x1.5 RE/1.5	0.8	1	0.5	1.2	1.25	1.8	18.1	620
3x2.5 RE/2.5	0.8	1	0.5	1.2	1.25	1.8	19.0	701
3x4 RE/4	1	1	0.8	1.2	1.6	1.8	22.2	999
3x6 RE/6	1	1	0.8	1.2	1.6	1.8	23.3	1138
3x10 RE/10	1	1	0.8	1.2	1.6	1.8	25.0	1403
3x16 RE/16	1	1	0.8	1.2	1.6	1.9	28.3	1835
3x25 RM/16	1.2	1	0.8	1.2	1.6	2.0	31.3	2331
3x35 RM/35	1.2	1	0.9	1.2	2	2.1	34.9	2962
3x50 RM/50	1.4	1	0.9	1.2	2	2.1	34.9	3450
4x1.5 RE/1.5	0.8	1	0.5	1.2	1.25	1.8	18.9	679
4x2.5 RE/2.5	0.8	1	0.5	1.2	1.25	1.8	19.9	782
4x4 RE/4	1	1	0.8	1.2	1.6	1.8	23.3	1105
4x6 RE/6	1	1	0.8	1.2	1.6	1.8	24.5	1282
4x10 RE/10	1	1	0.8	1.2	1.6	1.8	26.5	1581
4x16 RM/16	1	1	0.8	1.2	1.6	1.9	30.1	2094
4x25 RM/16	1.2	1	0.9	1.2	2	2.1	34.7	2994
4x35 RM/35	1.2	1	0.9	1.2	2	2.2	37.6	3668
4x50 RM/50	1.4	1	0.9	1.2	2	2.2	38.3	4148
5x1.5 RE/1.5	0.8	1	0.5	1.2	1.25	1.8	19.8	743
5x2.5 RE/2.5	0.8	1	0.5	1.2	1.25	1.8	20.8	854
5x4 RE/4	1	1	0.8	1.2	1.6	1.8	24.5	1234
5x6 RE/6	1	1	0.8	1.2	1.6	1.8	25.9	1423
5x10 RE/10	1	1	0.8	1.2	1.6	1.9	28.2	1791
5x16 RM/16	1	1	0.8	1.2	2	2.0	33.1	2599
5x25 RM/16	1.2	1	0.9	1.2	2	2.1	37.0	3432
5x35 RM/35	1.2	1.2	0.9	1.2	2	2.3	40.8	4290
5x50 RM/50	1.4	1.2	0.9	1.28	2.5	2.4	46.2	5724
3x25+16 RM/16	1.2 1	1	0.8	1.2	2	2.0	33.5	2749
3x35+16 RM/16	1.2 1	1	0.8	1.2	2	2.1	35.7	3192
3x50+25 SM/25	1.4 1.2	1	0.9	1.2	2	1.8	36.8	3627
3x70+35 SM/35	1.4 1.2	1.2	0.9	1.2	2	1.89	40.2	4628
3x95+50 SM/50	1.6 1.4	1.2	0.9	1.29	2.5	2.05	46.0	6321

On request, Aluminium Conductor is also available



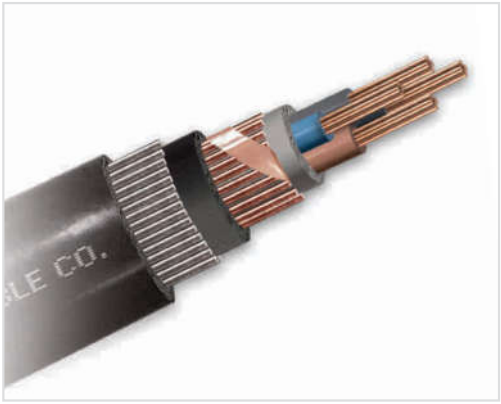
Concentric - Armoured Power Cable N2XCYRY

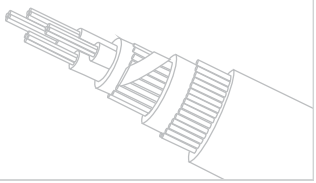
- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:** IEC 60502-1,IEC 60228, ISIRI 3569-1

- **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:** 90ºC

- **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.

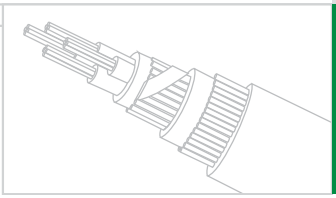




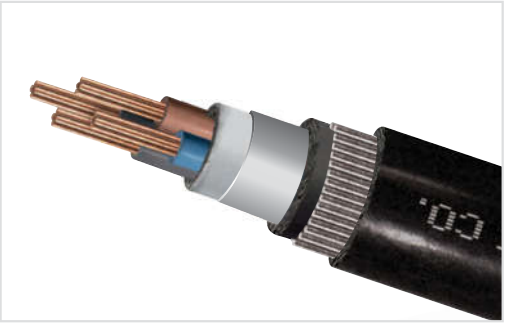
Concentric - Armoured Power Cable N2XCYRY

No. of Cores & Cross Section	Nominal Insulation Thickness	Nominal Inner Layer Thickness	Nominal Concentric Wire Diameter	Nominal Separation Sheath Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	mm	mm	kg/km
1x16 RM/16	0.7	0	0.8	1.2	1.25	1.5	16.1	552
1x25 RM/25	0.9	0	0.9	1.2	1.25	1.5	17.6	751
1x35 RM/35	0.9	0	0.9	1.2	1.25	1.5	18.7	957
1x50 RM/50	1	0	0.9	1.2	1.6	1.6	20.9	1251
2x1.5 RE/1.5	0.7	1	0.5	1.2	1.25	1.8	17.3	564
2x2.5 RE/2.5	0.7	1	0.5	1.2	1.25	1.8	18.1	633
2x4 RE/4	0.7	1	0.8	1.2	1.25	1.8	19.6	746
2x6 RE/6	0.7	1	0.8	1.2	1.6	1.8	21.3	966
2x10 RE/10	0.7	1	0.8	1.2	1.6	1.8	22.9	1173
2x16 RM/16	0.7	1	0.8	1.2	1.6	1.8	25.8	1515
2x25 RM/25	0.9	1	0.9	1.2	1.6	1.9	28.8	1963
2x35 RM/35	0.9	1	0.9	1.2	2	2.0	32.0	2591
2x50 RM/50	1	1	0.9	1.2	2	2.1	34.8	3147
3x1.5 RE/1.5	0.7	1	0.5	1.2	1.25	1.8	17.7	598
3x2.5 RE/2.5	0.7	1	0.5	1.2	1.25	1.8	18.6	678
3x4 RE/4	0.7	1	0.8	1.2	1.6	1.8	20.9	917
3x6 RE/6	0.7	1	0.8	1.2	1.6	1.8	22.0	1053
3x10 RE/10	0.7	1	0.8	1.2	1.6	1.8	23.7	1297
3x16 RM/16	0.7	1	0.8	1.2	1.6	1.8	26.8	1707
3x25 RM/16	0.9	1	0.8	1.2	1.6	1.9	29.8	2193
3x35 RM/35	0.9	1	0.9	1.2	2	2.0	33.4	3002
3x50 RM/50	1	1	0.9	1.2	2	2.0	33.0	3234
4x1.5 RE/1.5	0.7	1	0.5	1.2	1.25	1.8	18.4	651
4x2.5 RE/2.5	0.7	1	0.5	1.2	1.25	1.8	19.4	744
4x4 RE/4	0.7	1	0.8	1.2	1.6	1.8	21.9	1017
4x6 RE/6	0.7	1	0.8	1.2	1.6	1.8	23.1	1174
4x10 RE/10	0.7	1	0.8	1.2	1.6	1.8	25.0	1476
4x16 RM/16	0.7	1	0.8	1.2	1.6	1.9	28.7	1969
4x25 RM/16	0.9	1	0.9	1.2	2	2.0	33.0	2832
4x35 RM/35	0.9	1	0.9	1.2	2	2.1	35.9	3496
4x50 RM/35	1	1	0.9	1.2	2	2.1	36.1	3871
5x1.5 RE/1.5	0.7	1	0.5	1.2	1.25	1.8	19.2	710
5x2.5 RE/2.5	0.7	1	0.5	1.2	1.25	1.8	20.3	825
5x4 RE/4	0.7	1	0.8	1.2	1.6	1.8	22.9	1118
5x6 RE/6	0.7	1	0.8	1.2	1.6	1.8	24.2	1296
5x10 RE/10	0.7	1	0.8	1.2	1.6	1.8	26.4	1649
5x16 RM/16	0.7	1	0.8	1.2	2	2.0	31.5	2453
5x25 RM/16	0.9	1	0.9	1.2	2	2.1	35.4	3248
5x35 RM/35	0.9	1.2	0.9	1.2	2	2.2	39.0	4074
5x50 RM/50	1	1.2	0.9	1.23	2.5	2.4	43.9	5408
3x25+16 RM/16	0.9 0.7	1	0.8	1.2	2	2.0	32.1	2613
3x35+16 RM/16	0.9 0.7	1	0.8	1.2	2	2.1	34.2	3019
3x50+25 SM/25	1 0.9	1	0.9	1.2	2	1.8	34.9	3421
3x70+35 SM/35	1.1 0.9	1.2	0.9	1.2	2	1.9	38.8	4417
3x95+50 SM/50	1.1 1	1.2	0.9	1.24	2.5	2	43.6	5942

On request, Aluminium Conductor is also available



Armoured Lead Sheathed Power Cable NYKYRY



- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:**
  IEC 60502-1,IEC 60228,VDE 0295, ISIRI 3569-1

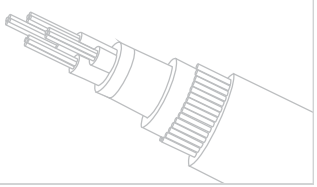
- **Construction :**
  CU/PVC/PVC/LC/PVC/SWA or AWA/PVC
  Conductor: Plain Annealed Copper Wire
  Insulation Type: P.V.C / A
  Bedding Material: P.V.C
  Metal Sheath: Lead
  Bedding Material: P.V.C
  Armour material: Galvanized Steel Wire or Aluminium Wire
  Sheath Material: PVC - ST1

- **Maximum Conductor Temperature:** 70ºC

- **Application:** For Outdoor & Indoor Installation in Oil ,Gas and Petrochemical industries & Wet Location Laid Direct To The Ground , Where Mechanical Damages Are Expected To Occur.

No. of Cores & Cross Section	Nominal Insulation Thickness	Lead Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
1x25 RM	1.2	1.2	1.6	1.8	22.7	1259
1x35 RM	1.2	1.2	1.6	1.8	23.8	1430
1x50 RM	1.4	1.2	1.6	1.8	25.3	1664
1x70 RM	1.4	1.2	1.6	1.8	27.1	1987
1x95 RM	1.6	1.2	1.6	1.9	29.2	2390
1x120 RM	1.6	1.2	1.6	1.9	30.8	2734
1x150 RM	1.8	1.3	2	2.1	34.6	3384
1x185 RM	2	1.4	2	2.1	37	4018
1x240 RM	2.2	1.4	2	2.2	39.7	4796
1x300 RM	2.4	1.5	2	2.3	43.1	5788
1x400 RM	2.6	1.6	2.5	2.6	49.6	7393
2x1.5 RE	0.8	1.2	1.25	1.8	19	1037
2x2.5 RE	0.8	1.2	1.25	1.8	19.8	1135
2x4 RE	1	1.2	1.6	1.8	22.9	1514
2x6 RE	1	1.2	1.6	1.8	23.9	1666
2x10 RE	1	1.2	1.6	1.8	25.5	1925
2x16 RM	1	1.2	1.6	1.9	28.6	2392
2x25 RM	1.2	1.3	1.6	2	31.6	2987
2x35 RM	1.2	1.3	2	2.1	35.6	3814
2x50 RM	1.4	1.4	2	2.2	39	4626
2x70 RM	1.4	1.5	2	2.4	43.6	5820
2x95 RM	1.6	1.6	2.5	2.6	50	7701
2x120 RM	1.6	1.7	2.5	2.7	53.6	8967
2x150 RM	1.8	1.9	2.5	2.8	57.8	10606
2x185 RM	2	2	2.5	3	62.8	12549
2x240 RM	2.2	2.1	2.5	3.2	68.4	15075
2x300 RM	2.4	2.3	3.15	3.5	77.6	19356

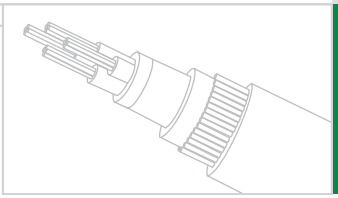
On request, Aluminium Conductor is also available



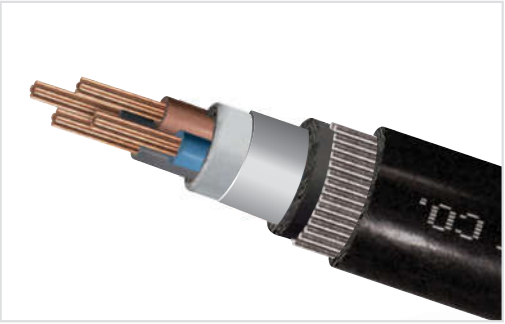
Armoured Lead Sheathed Power Cable NYKYRY

No. of Cores & Cross Section	Nominal Insulation Thickness	Lead Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
3x1.5 RE	0.8	1.2	1.25	1.8	19.5	1098
3x2.5 RE	0.8	1.2	1.25	1.8	20.3	1205
3x4 RE	1	1.2	1.6	1.8	23.6	1624
3x6 RE	1	1.2	1.6	1.8	25.2	1863
3x10 RE	1	1.2	1.6	1.8	26.9	2188
3x16 RM	1	1.2	1.6	1.9	29.7	2671
3x25 RM	1.2	1.3	2	2.1	34.7	3736
3x35 RM	1.2	1.4	2	2.2	37.5	4455
3x50 SM	1.4	1.5	2	2.3	41.1	5986
3x70 SM	1.4	1.6	2.5	2.5	48	8157
3x95 SM	1.6	1.7	2.5	2.7	52.7	9829
3x120 SM	1.6	1.8	2.5	2.8	56.6	11530
3x150 SM	1.8	1.9	2.5	2.9	60.8	13546
3x185 SM	2	2.1	2.5	3.1	66.4	16716
3x240 SM	2.2	2.3	3.15	3.4	75.8	21492
3x300 SM	2.4	2.4	3.15	3.6	82	25756
3x25+16 RM	1.2 / 1	1.3	2	2.1	36.1	3935
3x35+16 RM	1.2 / 1	1.4	2	2.2	38.5	4568
3x50+25 SM	1.4 / 1.2	1.4	2	2.2	40	5072
3x70+35 SM	1.4 / 1.2	1.5	2	2.4	43.8	6307
3x95+50 SM	1.6 / 1.4	1.7	2.5	2.6	50.9	8598
3x120+70 SM	1.6 / 1.4	1.7	2.5	2.7	53.7	9898
3x150+70 SM	1.8 / 1.4	1.9	2.5	2.9	58.8	11724
3x185+95 SM	2 / 1.6	2	2.5	3	63.1	13860
3x240+120 SM	2.2 / 1.6	2.2	2.5	3.2	69.9	17167
3x300+150 SM	2.4 / 1.8	2.3	3.15	3.5	78.6	21622
3x400+185 SM	2.6 / 2	2.5	3.15	3.8	86.7	26341
4x1.5 RE	0.8	1.2	1.25	1.8	20.3	1193
4x2.5 RE	0.8	1.2	1.6	1.8	22.6	1506
4x4 RE	1	1.2	1.6	1.8	24.7	1785
4x6 RE	1	1.2	1.6	1.8	25.9	2009
4x10 RE	1	1.2	1.6	1.9	28.1	2398
4x16 RM	1	1.3	1.6	2	31.9	3151
4x25 RM	1.2	1.4	2	2.2	37.3	4394
4x35 RM	1.2	1.4	2	2.2	39.9	5160
4x50 SM	1.4	1.5	2	2.3	41.1	5493
4x70 SM	1.4	1.6	2.5	2.5	47.5	7472
4x95 SM	1.6	1.7	2.5	2.6	52.2	9248
4x120 SM	1.6	1.8	2.5	2.8	55.8	10796
4x150 SM	1.8	1.9	2.5	2.9	60.4	12726
4x185 SM	2	2.1	2.5	3.1	65.4	15214
4x240 SM	2.2	2.2	3.15	3.4	74.9	19859
4x300 SM	2.4	2.4	3.15	3.6	80.7	23649
4x400 SM	2.6	2.6	3.15	3.9	89.9	29164
5x1.5 RE	0.8	1.2	1.6	1.8	22.4	1453
5x2.5 RE	0.8	1.2	1.6	1.8	23.5	1619
5x4 RE	1	1.2	1.6	1.8	25.9	1974
5x6 RE	1	1.2	1.6	1.8	27.3	2222
5x10 RE	1	1.2	1.6	1.9	29.6	2680
5x16 RM	1	1.3	2	2.1	35.7	3909
5x25 RM	1.2	1.4	2	2.2	39.6	4975
5x35 RM	1.2	1.5	2	2.4	43.6	6153
5x50 RM	1.4	1.7	2.5	2.6	50.4	8309
5x70 RM	1.4	1.8	2.5	2.8	55.9	10474
5x95 RM	1.6	2	2.5	3	62.2	13308
5x120 RM	1.6	2.1	2.5	3.1	66.9	15676
5x150 RM	1.8	2.2	3.15	3.4	75.1	19624
5x185 RM	2	2.4	3.15	3.6	81.8	23487

On request, Aluminium Conductor is also available



Armoured Lead Sheathed Power Cable N2XKYRY



- **Rated Voltage:** 0.6/1 KV
- **Applicable Standard:**
  IEC 60502-1,IEC 60228,VDE 0295, ISIRI 3569-1

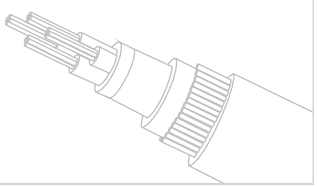
- **Construction :**
  CU/XLPE/PVC/LC/PVC/SWA or AWA/PVC
  Conductor: Plain Annealed Copper Wire
  Insulation Type: XLPE
  Bedding Material: P.V.C
  Metal Sheath: Lead
  Bedding Material: P.V.C
  Armour material: Galvanized Steel Wire or Aluminium Wire
  Sheath Material: PVC - ST2

- **Maximum Conductor Temperature:** 90°C

- **Application:**
  For Outdoor & Indoor Installation in Oil ,Gas and Petrochemical industries & Wet Location
  Laid Direct To The Ground , Where Mechanical Damages Are Expected To Occur.

No. of Cores & Cross Section	Nominal Insulation Thickness	Lead Thickness	Armour Wire Diameter	Nominal Sheath Thickness	Overall Diameter (Approx)	Total Weight (Approx)
mm^2	mm	mm	mm	mm	mm	kg/km
1x25 RM	0.9	1.2	1.25	1.8	20.8	1115
1x35 RM	0.9	1.2	1.6	1.8	23.2	1364
1x50 RM	1	1.2	1.6	1.8	24.5	1570
1x70 RM	1.1	1.2	1.6	1.8	26.5	1910
1x95 RM	1.1	1.2	1.6	1.9	28.2	2269
1x120 RM	1.2	1.2	1.6	1.9	30	2625
1x150 RM	1.4	1.3	1.6	2	32	3095
1x185 RM	1.6	1.3	2	2.1	36	3777
1x240 RM	1.7	1.4	2	2.2	38.7	4607
1x300 RM	1.8	1.5	2	2.3	41.9	5561
1x400 RM	2	1.6	2.5	2.5	48.2	7103
2x1.5 RE	0.7	1.2	1.25	1.8	18.6	993
2x2.5 RE	0.7	1.2	1.25	1.8	19.4	1089
2x4 RE	0.7	1.2	1.25	1.8	20.4	1212
2x6 RE	0.7	1.2	1.6	1.8	22.7	1526
2x10 RE	0.7	1.2	1.6	1.8	24.3	1779
2x16 RM	0.7	1.2	1.6	1.8	27.2	2222
2x25 RM	0.9	1.2	1.6	1.9	30	2723
2x35 RM	0.9	1.3	2	2.1	34.4	3609
2x50 RM	1	1.4	2	2.2	37.4	4329
2x70 RM	1.1	1.5	2	2.3	42.2	5552
2x95 RM	1.1	1.6	2.5	2.5	47.8	7257
2x120 RM	1.2	1.7	2.5	2.6	51.8	8594
2x150 RM	1.4	1.8	2.5	2.8	56	10029
2x185 RM	1.6	1.9	2.5	2.9	60.8	11846
2x240 RM	1.7	2.1	2.5	3.1	66.2	14411
2x300 RM	1.8	2.2	3.15	3.4	74.8	18256

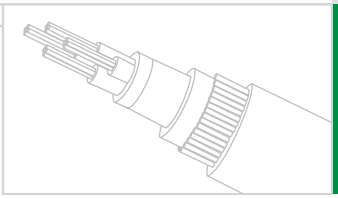
On request, Aluminium Conductor is also available



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^2	mm	mm	mm	mm	mm	kg/km
3x1.5 RE	0.7	1.2	1.25	1.8	19.1	1052
3x2.5 RE	0.7	1.2	1.25	1.8	19.9	1157
3x4 RE	0.7	1.2	1.25	1.8	21	1311
3x6 RE	0.7	1.2	1.6	1.8	23.9	1708
3x10 RE	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	0.7	1.2	1.25	1.8	19.8	1136
4x2.5 RE	0.7	1.2	1.3	1.8	20.9	1287
4x4 RE	0.7	1.2	1.6	1.8	23.3	1622
4x6 RE	0.7	1.2	1.6	1.8	24.5	1824
4x10 RE	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	0.7	1.2	1.25	1.8	20.6	1230
5x2.5 RE	0.7	1.2	1.6	1.8	23	1549
5x4 RE	0.7	1.2	1.6	1.8	24.3	1771
5x6 RE	0.7	1.2	1.6	1.8	25.6	2002
5x10 RE	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



Note: