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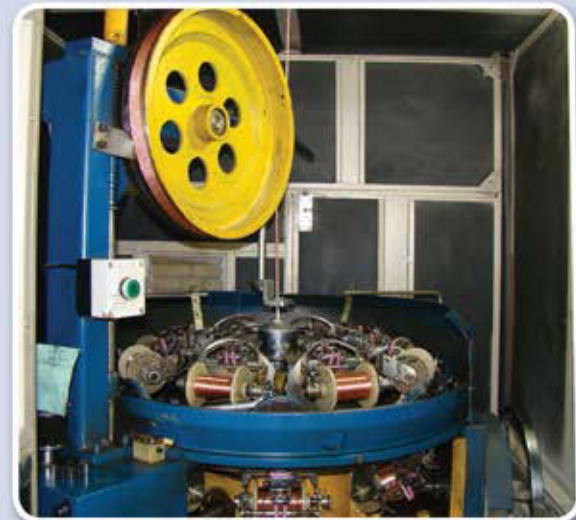
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Jordan Union Cable



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Copper Conductor Wires & Cables





Flexible Wire with PVC Insulated

CU/PVC

Code: NYAF , H05V-K , H07V-K

Rated voltage : 300/500 V & 450/750 V

Reference standard : ISIRI (607) 02 , ISIRI (607) 06 , IEC 60227 , BS 6004
VDE 0250

Application : For internal wiring of switching boxes and electrical appliance.

For installation in conduits and tubes. Not for direct installation under plaster.

Construction :

1-Conductor: Fine stranded plain annealed copper acc. to IEC 60228 or
VDE 0295 class 5 .

2-Insulation : PVC/C

3-Color of insulation : red, blue , Yellow ,Green , black or As request

Technical Specification :

1-Max. conductor temperature : 70 °C

2-Conductor resistant : Refer to table (1)

3-Test voltage : For 300/500V: 2000 V ac for 5 min

For 450/750V: 2500 V ac for 5 min.

4-Current carrying capacity : refer to table (2)

5-Bending radius : Refer to table (3)

6-Permissible short circuit temperature : 160 °C

7-Flame retardant : acc. to IEC 60332-1

Flexible Wire with PVC Insulated

Size mm ²	Insulation thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)	Packaging (m)
0.5	0.6	2.2	9	100
0.75	0.6	2.4	10	100
1.0	0.6	2.6	14	100
1.5	0.7	3.0	20	100
2.5	0.8	3.6	32	100
4.0	0.8	4.2	46	100
6.0	0.8	4.8	65	100
10	1.0	6.1	115	100
16	1.0	7.1	170	100 , 1000
25	1.2	9.3	260	100 , 1000
35	1.2	10.7	360	100 , 1000
50	1.4	12.6	515	1000
70	1.4	14.4	710	1000
95	1.6	16.4	940	1000
120	1.6	18.2	1210	1000
150	1.8	20.2	1520	500
185	2.0	22.4	1874	500
240	2.2	25.4	2420	500

*The above data is approximate and subject to manufacturing tolerances



Jordan union cable

CU/PVC

Code: NYA (re , rm) , H05V-U , H07V-U , H07V-R

Rated voltage : 300/500 V & 450/750 V

Reference standard : IEC 60227 ,VDE 0281 , BS 6004 ,

Application : Use for lighting and commercial building. Suitable for covered and dry places, use for fixed installation, in distribution panel, on and under plaster as laid in conduit, or on insulating support.

Construction : Insulated wire with solid or stranded copper conductors.

1-Conductor : Solid or Stranded plain annealed copper acc. to IEC 60228 or VDE 0295 , class 1 & 2.

2-Insulation : PVC/C

3-Color of insulation : As request

Technical Specification :

1-Max. conductor temperature : 70 °C

2- Conductor resistant : Refer to table (1)

3- Test voltage : For 300/500V: 2000 V ac for 5 min

For 450/750V: 2500 V ac for 5 min.

4- Current carrying capacity : Refer to table (2)

5- Bending radius : Refer to table (3)

6- Permissible short circuit temperature : 160 °C

7- Flame retardant : acc. to IEC 60332-1

Single & Multi Core Wire with PVC Insulated

Size mm ²	Cond. N × d	Insulation thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
1.5 re	1 × 1.38	0.7	2.9	21
1.5 rm	7 × 0.52	0.7	3.1	22
2.5 re	1 × 1.78	0.8	3.5	33
2.5 rm	7 × 0.67	0.8	3.7	34
4 re	1 × 2.25	0.8	3.9	48
4 rm	7 × 0.85	0.8	4.2	51
6 re	1 × 2.76	0.8	4.4	65
6 rm	7 × 1.04	0.8	4.8	69
10 re	1 × 3.57	1.0	5.57	110
10 rm	7 × 1.35	1.0	6.1	119
16 rm	7 × 1.7	1.0	7.1	176
25 rm	7 × 2.14	1.2	8.9	280
35 rm	7 × 2.52	1.2	10.1	370
50 rm	19 × 1.78	1.4	11.7	502
70 rm	19 × 2.16	1.4	13.5	710
95 rm	19 × 2.52	1.6	16.0	975
120rm	37 × 2.05	1.6	17.6	1220
150rm	37 × 2.25	1.8	19.5	1505
185rm	37 × 2.52	2.0	21.8	1885
240rm	61 × 2.22	2.2	24.7	2410
300rm	61 × 2.52	2.4	27.6	3010
400rm	61 × 2.89	2.6	31.2	3870

*The above data is approximate and subject to manufacturing tolerances



Jordan union cable

Cu/PVC/PVC

Code: NYY , H1VV-F

Rated voltage : 0.6/1 KV

Reference standard : ISIRI 3569-1 , IEC 60502-1

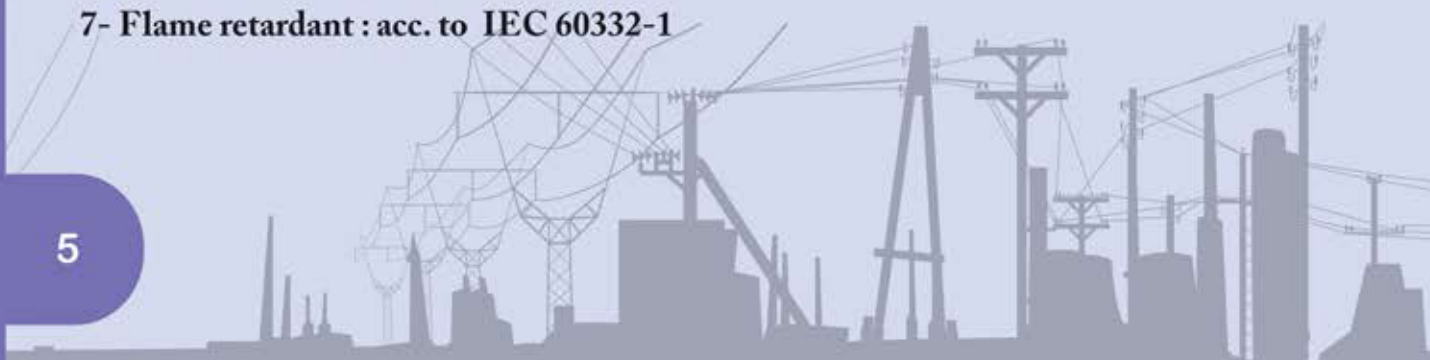
Application : For indoor or outdoor in cable, duct or tray. These cables are suitable for switching boxes, industrial plants, and commercial buildings.

Construction : Insulated wire with solid or stranded copper conductors.

- 1- Conductor : Fine Stranded plain annealed copper acc. to IEC 60228 or VDE 0295, Class 5
- 2- Insulation : PVC
- 3- Color of Insulation : Black (or as request)
- 4- Outer sheath : PVC

Technical Specification :

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV AC or 8.4 KV DC for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : acc. to IEC 60332-1



Single Core Flexible Cable with PVC Insulated and PVC Sheathed

Size mm ²	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
1 × 16	1.0	1.4	10.2	230
1 × 25	1.2	1.4	12.6	340
1 × 35	1.2	1.4	13.9	450
1 × 50	1.4	1.4	16.3	612
1 × 70	1.4	1.5	18.2	850
1 × 95	1.6	1.6	21	1110
1 × 120	1.6	1.6	23	1390
1 × 150	1.8	1.7	25.4	1720
1 × 185	2.0	1.8	28.3	2100
1 × 240	2.2	1.9	31.8	2730
1 × 300	2.4	2.0	35.2	3400
1 × 400	2.6	2.2	40	4440

*The above data is approximate and subject to manufacturing tolerances



Cu/PVC/PVC

Code: NYMHY , H05VV-F

Rated voltage : 300/500 V

Reference standard : 60227 IEC 53 , BS 6500 , VDE 0250

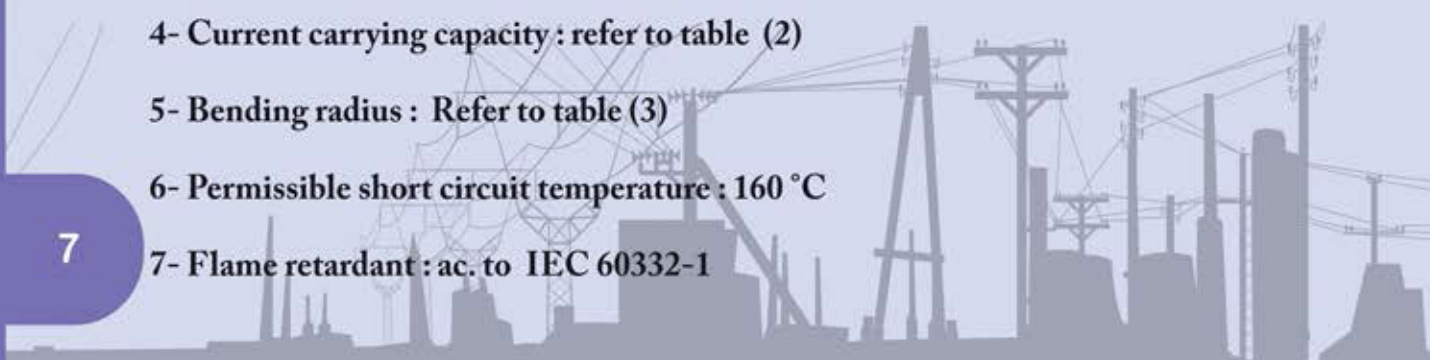
Application : For the connection of lighting, kitchen appliances, domestic, office appliances, at low mechanical stresses. Not for the connection of heating appliances in connection with the hot parts. For use in dry and damp locations

Construction :

- 1- Conductor : Fine stranded plain annealed copper acc. to IEC 60228 or VDE 0295 , class 5 .
- 2- Insulation : PVC /D , PVC/YI2 , PVC/TI2
- 3- Color of insulation : As request
- 4- Protective conductor : Green/Yellow (if any)
- 5- Assembly : Cores twisted together ,(with filler if necessary)
- 6- Outer sheath : PVC/ST5 , PVC/YM2 , PVC/TM2

Technical Specification :

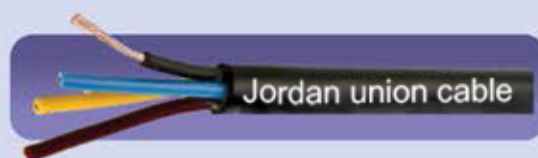
- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 1500 , 2000 V ac , for 5 min.
- 4- Current carrying capacity : refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : ac. to IEC 60332-1



Multi Core Flexible Cable with PVC Insulated and PVC Sheathed

Size mm ²	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)		Weight approx. (Kg/Km)
			Min	Max	
2 × 0.5	0.6	0.7	5.2	6.5	50
2 × 0.75	0.6	0.8	5.7	7.2	61
2 × 1	0.6	0.8	5.9	7.5	70
2 × 1.5	0.7	0.8	6.8	8.6	91
2 × 2.5	0.8	1.0	8.4	10.6	138
3 × 0.5	0.6	0.7	5.5	6.9	60
3 × 0.75	0.6	0.8	6	7.6	72
3 × 1	0.6	0.8	6.3	8	84
3 × 1.5	0.7	0.9	7.4	9.4	112
3 × 2.5	0.8	1.1	9.2	11.4	172
4 × 0.5	0.6	0.8	6	7.6	73
4 × 0.75	0.6	0.8	6.6	8.3	90
4 × 1	0.6	0.9	7.1	9	104
4 × 1.5	0.7	1.0	8.4	10.5	142
4 × 2.5	0.8	1.1	10.1	12.5	210
5 × 0.5	0.6	0.8	6.8	8.5	84
5 × 0.75	0.6	0.9	7.4	9.3	110
5 × 1	0.6	0.9	7.8	9.8	130
5 × 1.5	0.7	1.1	9.3	11.6	180
5 × 2.5	0.8	1.2	11.2	13.9	265

*The above data is approximate and subject to manufacturing tolerances



NYM- O (re , rm) , NYM – J (re , rm)

Code: CU/PVC/PVC

Rated voltage : 300/500 V

Reference standard : 60227 IEC 10 ,

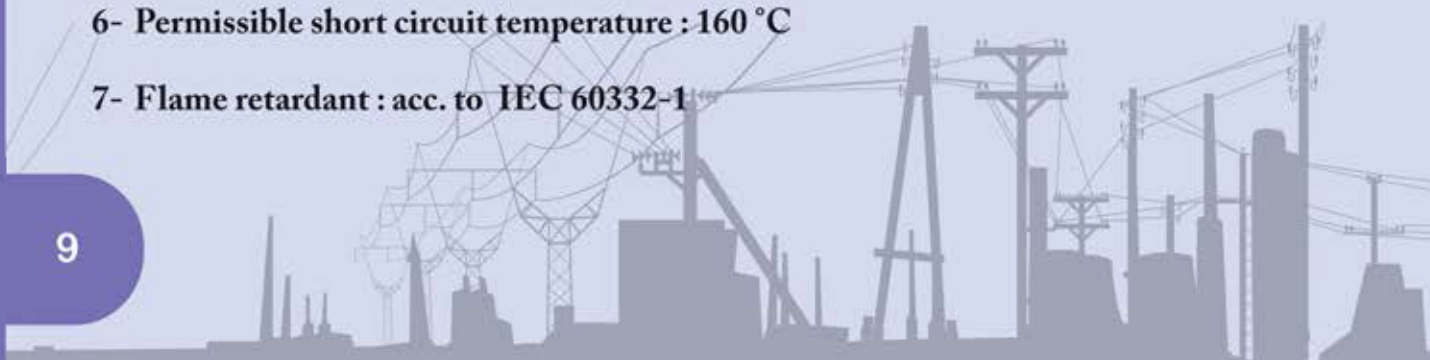
Application : For fixed installation, indoors and outdoors, in cable duct , In ground and water, Used for electric network, industrial plants and switchgear.

Construction :

- 1- Conductor : Solid or Stranded plain annealed copper acc. to IEC 60228 or VDE 0295, class 1& 2 .
- 2- Insulation : PVC /C , PVC/YI1 , PVC/TI1
- 3- Color of insulation : As request
- 4- Inner covering : Extruded PVC
- 5- Outer sheath : Black PVC/ST4 , PVC/YM1 , PVC/TM1

Technical Specification :

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 2000 V ac for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : acc. to IEC 60332-1



Multi Core Cable with PVC Insulated & PVC Sheathed 2, 3, 4 and 5 Cores

Size	Cond. n.d (mm)	Insulation Thickness (mm)	Inner covering (mm)	Sheath Thickness (mm)	Overall dia. approx. (mm)		Weight approx. (Kg/Km)
					Min.	Max.	
2×1.5re	1×1.38	0.7	0.4	1.2	8.4	10.0	119
2×2.5re	1×1.78	0.8	0.4	1.2	9.6	11.5	164
2×4 re	1×2.25	0.8	0.4	1.2	10.5	12.5	216
2×6 re	1×2.76	0.8	0.4	1.2	11.5	13.5	278
2×10 re	1×3.57	1.0	0.6	1.4	14.5	16.5	457
2×10rm	7×1.35	1.0	0.6	1.4	15	17.5	462
3×1.5re	1×1.38	0.7	0.4	1.2	8.8	10.5	140
3×2.5re	1×1.78	0.8	0.4	1.2	10	12	197
3×4 re	1×2.25	0.8	0.4	1.2	11	13	265
3×6 re	1×2.76	0.8	0.4	1.4	12.5	14.5	360
3×10 re	1×3.57	1.0	0.6	1.4	15.5	17.5	573
3×10rm	7×1.35	1.0	0.6	1.4	15.5	19	565
3×16rm	7×1.7	1.0	0.8	1.4	18	21.5	822
3×25rm	7×2.14	1.2	0.8	1.6	22	26	1235
3×35rm	7×2.52	1.2	1.0	1.6	24.5	29	1638
4×1.5re	1×1.38	0.7	0.4	1.2	9.6	11.5	167
4×2.5re	1×1.78	0.8	0.4	1.2	11	13	237
4×4 re	1×2.25	0.8	0.4	1.4	12	14.5	335
4×6 re	1×2.76	0.8	0.6	1.4	14	16	458
4×10 re	1×3.57	1.0	0.6	1.4	16.5	19	709
4×10rm	7×1.35	1.0	0.6	1.4	17	20.5	694
4×16rm	7×1.7	1.0	0.8	1.4	20	23.5	1016
4×25rm	7×2.14	1.2	1.0	1.6	24.5	28.5	1560
4×35rm	7×2.52	1.2	1.0	1.6	27	32	2042
5×1.5re	1×1.38	0.7	0.4	1.2	10	12	196
5×2.5re	1×1.78	0.8	0.4	1.2	11.5	14	281
5×4 re	1×2.25	0.8	0.4	1.4	13.5	16	414
5×6 re	1×2.76	0.8	0.6	1.4	15	17.5	547
5×10 re	1×3.57	1.0	0.6	1.4	18	21	851
5×10rm	7×1.35	1.0	0.6	1.4	18.5	22	828
5×16rm	7×1.7	1.0	1.0	1.6	21	26	1240
5×25rm	7×2.14	1.2	1.0	1.6	27	31.5	1874
5×35rm	7×2.52	1.2	1.2	1.6	30	35	2495

*The above data is approximate and subject to manufacturing tolerances



Cu/PVC/PVC

Code: NYY-J , NYY-O , H1VV-F

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502-1

Application : For indoor or outdoor in cable duct or tray. These cable are suitable for switching boxes, industrial plants, and commercial buildings. These cables are suitable for direct burial if there is no mechanical stresses.

Construction :

- 1- Conductor : Fine stranded plain annealed copper acc. to IEC 60228 or VDE 0295 , class 5
- 2- Insulation : PVC /A
- 3- Color of insulation : As request
- 4- Protective conductor : Green/Yellow (if any)
- 5- Assembly : Cores twisted together ,(with filler if necessary)
- 6- Inner covering : PVC
- 7- Outer sheath : PVC/ST1 , PVC/YM3 , PVC/TM3

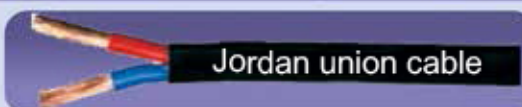
Technical Specification :

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV AC or 8.4 KV DC for 5 min
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : ac. to IEC 60332-1

Multi Core Flexible Power Cable with PVC Insulated & PVC Sheathed

Size mm ²	Insulation thickness (mm)	Inner covering (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
2×1.5	0.8	-	1.8	10	134
2×2.5	0.8	-	1.8	11	174
2× 4	1.0	-	1.8	12	221
2× 6	1.0	-	1.8	13.2	284
2×10	1.0	-	1.8	15.8	460
3×1.5	0.8	-	1.8	10.5	132
3×2.5	0.8	-	1.8	11.5	204
3× 4	1.0	-	1.8	12.7	270
3× 6	1.0	-	1.8	14	360
3×10	1.0	-	1.8	16.8	540
3×16	1.0	-	1.8	19	755
3×25	1.2	-	1.8	23.5	1170
3×35	1.2	-	1.8	26.5	1532
4×1.5	0.8	-	1.8	11.3	185
4×2.5	0.8	-	1.8	12.4	245
4× 4	1.0	-	1.8	13.8	325
4× 6	1.0	-	1.8	15.2	425
4×10	1.0	-	1.8	18.4	670
4×16	1.0	-	1.8	20.8	950
4×25	1.2	-	1.8	26	1460
4×35	1.2	-	1.8	29	1935
3×25+16	1.2-1.0	-	1.8	24.5	1320
3×35+16	1.2-1.0	-	1.8	27.3	1630
3×50+25	1.4-1.2	-	1.9	32	2310
3×70+35	1.4-1.2	-	2.0	36.4	3117
3×95+50	1.6-1.4	-	2.1	42	4216
3×120+70	1.6-1.4	-	2.2	46.2	5275

*The above data is approximate and subject to manufacturing tolerances



Cu/PVC/PVC

Code: NYSLY

Rated voltage : 300/500 V

Reference standard : 60227 IEC 75 ,VDE 0250 ,

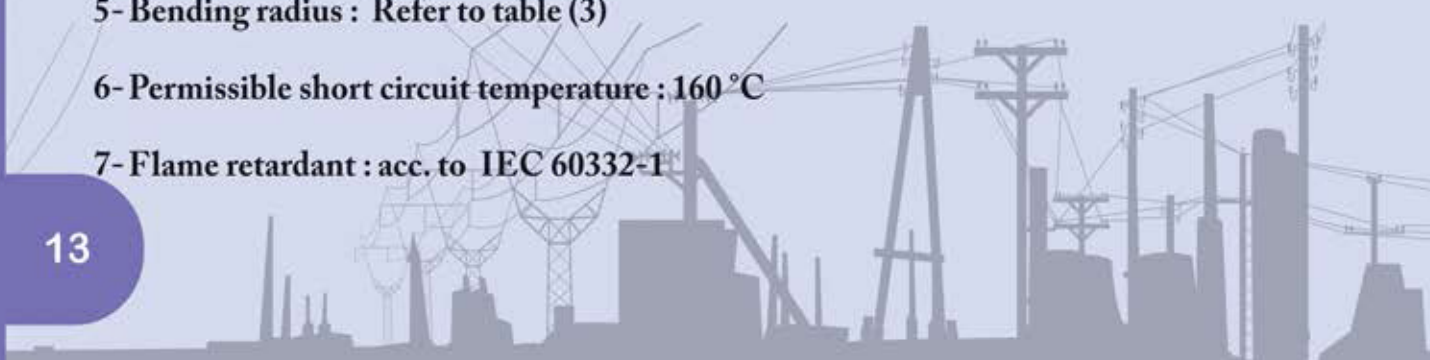
Application : For use in dry, damp and wet places, as measurement and control cables for internal installations where there are no mechanical stresses, in machinery, production lines and control equipments.

Construction :

- 1- Conductor : Fine stranded plain annealed copper acc. to IEC 60228 or VDE 0295 , class 5 .
- 2- Insulation : PVC / D
- 3- Core identification : Black with numbered
- 4- Protective conductor : Green/Yellow (if any)
- 5- Assembly : Cores twisted together ,(covered with PP tape or PET if necessary)
- 6- Outer sheath : PVC / ST9

Technical Specification :

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 2000 V ac for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : acc. to IEC 60332-1



Flexible Control Cables with PVC Insulated & PVC Sheathed

Size mm ²	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
7 × 1	0.6	1.0	10	174
8 × 1	0.6	1.1	12	210
10 × 1	0.6	1.2	12.6	240
12 × 1	0.6	1.2	13.2	280
14 × 1	0.6	1.2	13.8	312
16 × 1	0.6	1.2	14.6	360
20 × 1	0.6	1.4	16.5	384
24 × 1	0.6	1.5	18.5	530
27 × 1	0.6	1.5	19	580
30 × 1	0.6	1.6	19.6	640
34 × 1	0.6	1.7	21	710
37 × 1	0.6	1.7	21.6	760
40 × 1	0.6	1.8	22.4	788
50 × 1	0.6	1.9	25	980
61 × 1	0.6	2.1	26.8	1150
7 × 1.5	0.7	1.2	10.8	215
8 × 1.5	0.7	1.2	13	285
10 × 1.5	0.7	1.2	13.6	300
12 × 1.5	0.7	1.2	14	345
14 × 1.5	0.7	1.4	15	385
16 × 1.5	0.7	1.5	16.2	470
20 × 1.5	0.7	1.6	18.6	605
24 × 1.5	0.7	1.8	20	695
27 × 1.5	0.7	1.8	21	760
30 × 1.5	0.7	1.8	21.6	835
34 × 1.5	0.7	1.8	23	970
37 × 1.5	0.7	2.0	23.2	1020
40 × 1.5	0.7	2.0	25	1105
50 × 1.5	0.7	2.1	27.8	1380
61 × 1.5	0.7	2.1	29.5	1620

*The above data is approximate and subject to manufacturing tolerances

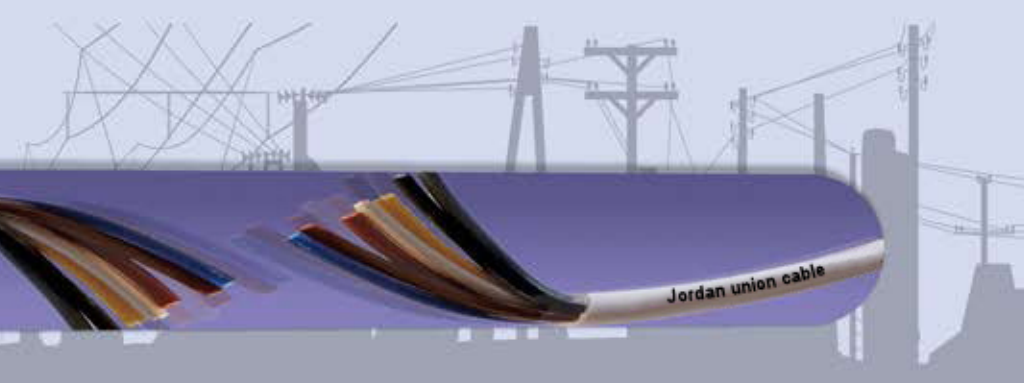


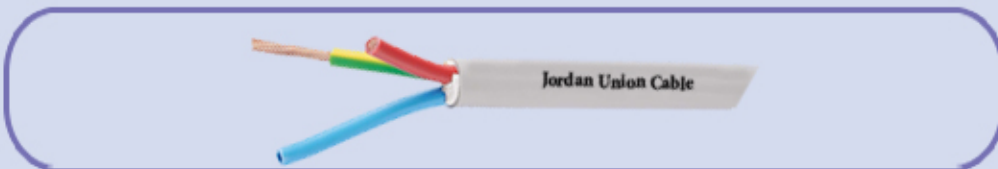


Flexible Control Cables with PVC Insulated & PVC Sheathed

Size mm ²	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
7 × 2.5	0.8	1.2	13	320
8 × 2.5	0.8	1.4	16.1	420
10 × 2.5	0.8	1.5	17	470
12 × 2.5	0.8	1.5	17.6	545
14 × 2.5	0.8	1.6	18.8	615
16 × 2.5	0.8	1.7	20	720
20 × 2.5	0.8	1.8	23	910
24 × 2.5	0.8	2.0	25	1090
27 × 2.5	0.8	2.1	25.8	1140
30 × 2.5	0.8	2.1	26.8	1250
34 × 2.5	0.8	2.1	28.2	1520
37 × 2.5	0.8	2.3	28.8	1590
40 × 2.5	0.8	2.3	31	1770
50 × 2.5	0.8	2.4	34.4	2140
61 × 2.5	0.8	2.7	37	2560

*The above data is approximate and subject to manufacturing tolerances





CU/PVC/CWB/PVC

Code: NYCY , HO5VC4V-K , NYSLCY-J , NYSLCY-O

Rated voltage : 300/500 V

Reference standard : 60227 IEC 74, VDE 0250

Application : For use in dry, damp and wet places, where a protection against electromagnetic effects is necessary, as measurement and control cables for internal installations where there are no mechanical stresses, in machinery, production lines and control equipments.

Construction :

- 1- Conductor : Fine stranded plain annealed copper acc. to IEC 60228 or VDE 0295 , class 5 .
- 2- Insulation : PVC/D
- 3- Core identification : Black with numbered
- 4- Protective conductor : Green/Yellow (if necessary)
- 5- Assembly : Cores twisted together ,(covered with PP tape or PET if necessary)
- 6- Screen : Tinned or plain annealed copper wire braid
- 7- Outer sheath : PVC /ST9

Technical Specification:

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 2000 V ac for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : acc. to IEC 60332-1

Flexible Shielded Control Cables with PVC Insulated & PVC Sheathed

Size mm ²	Insulation thickness (mm)	Inner sheath thickness (mm)	Wire screen dia. (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
7 × 1	0.6	0.7	0.16	1.2	12	240
8 × 1	0.6	1.0	0.16	1.2	12.5	280
10 × 1	0.6	1.0	0.21	1.2	14.2	360
12 × 1	0.6	1.0	0.21	1.5	16.2	410
14 × 1	0.6	1.0	0.21	1.5	16.9	450
16 × 1	0.6	1.0	0.21	1.8	18.2	505
20 × 1	0.6	1.0	0.21	1.8	20.2	610
24 × 1	0.6	1.2	0.21	1.8	22	710
27 × 1	0.6	1.2	0.21	1.8	22.2	760
30 × 1	0.6	1.2	0.21	2.0	23.3	820
34 × 1	0.6	1.2	0.21	2.1	25	940
37 × 1	0.6	1.2	0.26	2.1	25.2	990
40 × 1	0.6	1.4	0.26	2.1	26.8	1060
50 × 1	0.6	1.4	0.26	2.1	29	1320
61 × 1	0.6	1.4	0.26	2.4	31.2	1530
7 × 1.5	0.7	0.8	0.16	1.2	13	340
8 × 1.5	0.7	0.8	0.16	1.2	15.2	370
10 × 1.5	0.7	1.0	0.21	1.5	17	480
12 × 1.5	0.7	1.0	0.21	1.5	17.5	520
14 × 1.5	0.7	1.0	0.21	1.5	18.2	610
16 × 1.5	0.7	1.0	0.21	1.8	19.6	690
20 × 1.5	0.7	1.2	0.21	1.8	22.2	850
24 × 1.5	0.7	1.2	0.21	2.1	24.2	980
27 × 1.5	0.7	1.2	0.21	2.1	24.6	1050
30 × 1.5	0.7	1.2	0.21	2.1	25.4	1140
34 × 1.5	0.7	1.2	0.26	2.1	27.2	1350
37 × 1.5	0.7	1.2	0.26	2.1	27.2	1390
40 × 1.5	0.7	1.4	0.26	2.3	29.2	1490
50 × 1.5	0.7	1.4	0.26	2.4	32.2	1810
61 × 1.5	0.7	1.4	0.26	2.4	34	2100
7 × 2.5	0.8	0.8	0.21	1.2	14.8	480
8 × 2.5	0.8	1.0	0.21	1.6	19	550
10 × 2.5	0.8	1.0	0.21	1.6	19.8	710
12 × 2.5	0.8	1.0	0.21	1.8	20.5	780
14 × 2.5	0.8	1.0	0.21	1.8	21.5	870
16 × 2.5	0.8	1.2	0.21	2.0	23.2	980
20 × 2.5	0.8	1.2	0.26	2.1	26.4	1130
24 × 2.5	0.8	1.4	0.26	2.1	28.5	1430
27 × 2.5	0.8	1.4	0.26	2.2	29	1570
30 × 2.5	0.8	1.4	0.26	2.2	30	1700
34 × 2.5	0.8	1.4	0.26	2.4	32.5	1950
37 × 2.5	0.8	1.4	0.26	2.4	32.5	2010
40 × 2.5	0.8	1.6	0.31	2.7	35.3	2140
50 × 2.5	0.8	1.6	0.31	2.7	38.4	2640
61 × 2.5	0.8	1.6	0.31	2.7	40	3030

* The above data is approximate and subject to manufacturing tolerances



NYY- re , NYY- rm

Code: CU/PVC/PVC

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502- 1 , BS 6346 , VDE 0271

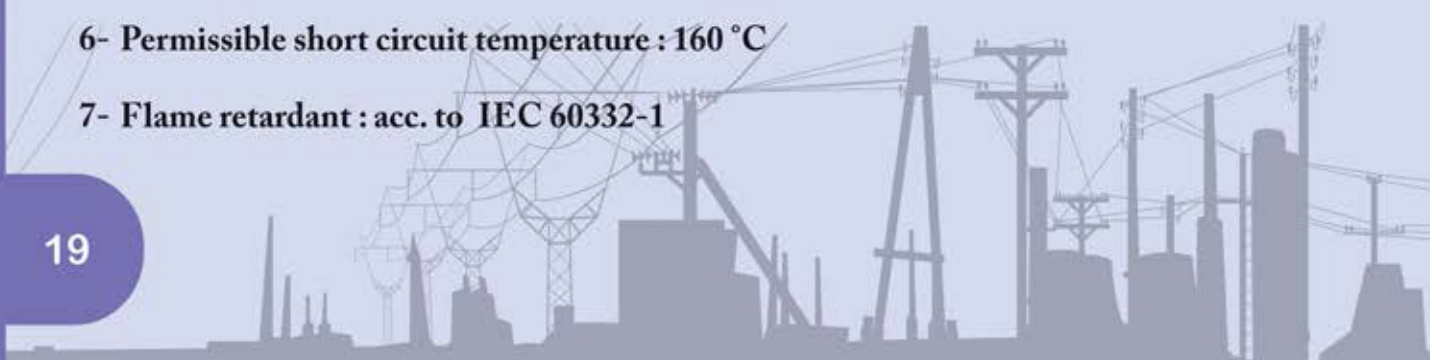
Application : For fixed installation, indoors and outdoors, in cable duct , In ground and water, Used for electric network, industrial plants and switchgear.

Construction :

- 1- Conductor: Solid or Stranded plain annealed copper acc. to IEC 60228 or VDE 0295, class 1& 2
- 2- Insulation : PVC/A
- 3- Color of insulation : As request
- 4- Inner covering : Extruded PVC
- 5- Outer sheath : Black PVC/ST1

Technical Specification:

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 160 °C
- 7- Flame retardant : acc. to IEC 60332-1



Single Core Power Cables with PVC Insulated & PVC Sheathed

Size (mm ²)	No. × dia.(mm)	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
1 × 1.5	1 × 1.38	0.8	1.4	5.8	49.6
1 × 1.5	7 × 0.52	0.8	1.4	6.0	52
1 × 2.5	1 × 1.78	0.8	1.4	6.2	62.5
1 × 2.5	7 × 0.67	0.8	1.4	6.4	65
1 × 4	1 × 2.25	1.0	1.4	7.1	78.5
1 × 4	7 × 0.85	1.0	1.4	7.4	92
1 × 6	1 × 2.76	1.0	1.4	7.6	110
1 × 6	7 × 1.04	1.0	1.4	7.9	116
1 × 10	1 × 3.57	1.0	1.4	8.4	155
1 × 10	7 × 1.35	1.0	1.4	8.8	162
1 × 16	7 × 1.7	1.0	1.4	9.9	230
1 × 25	7 × 2.14	1.2	1.4	11.6	339
1 × 35	7 × 2.52	1.2	1.4	12.8	445
1 × 50	19 × 1.78	1.4	1.4	14.8	610
1 × 70	19 × 2.16	1.4	1.4	16.4	811
1 × 95	19 × 2.52	1.6	1.5	18.8	1090
1 × 120	37 × 2.05	1.6	1.5	20.4	1338
1 × 150	37 × 2.27	1.8	1.6	22.7	1675
1 × 185	37 × 2.52	2.0	1.7	25	2055
1 × 240	61 × 2.22	2.2	1.8	28.1	2639
1 × 300	61 × 2.5	2.4	1.9	31.1	3309
1 × 400	61 × 2.88	2.6	2.0	35.1	4333
1 × 500	61 × 3.23	2.8	2.1	38.9	5404
1 × 630	91 × 2.96	2.8	2.2	42.6	6940
1 × 1000	91 × 3.74	3.0	2.5	52.1	10879

*The above data is approximate and subject to manufacturing tolerances



Jordan union cable

N2XY-re , N2XY-rm

Code: CU/XLPE/PVC

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502- 1 , BS 6346 , VDE 0271

Application : For fixed installation, indoors and outdoors, in cable duct , In ground and water

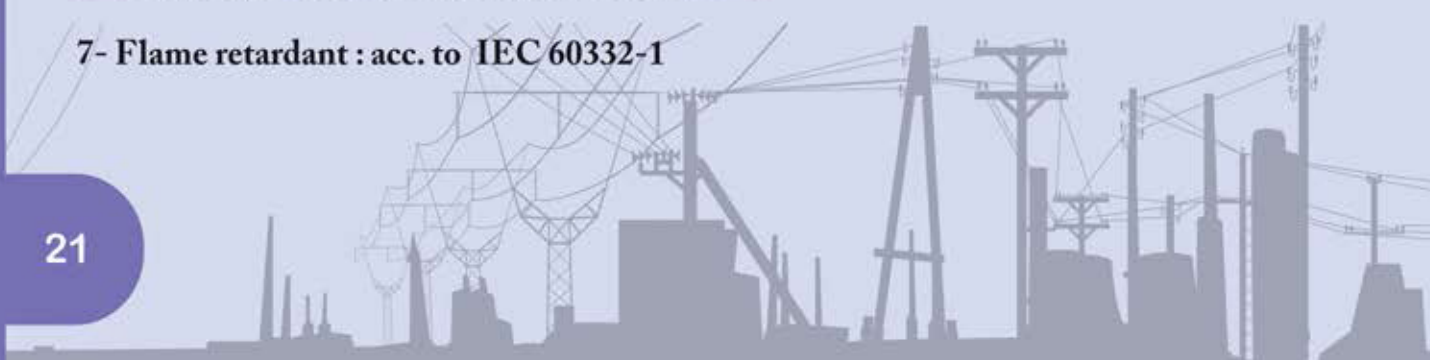
Used for electric network, industrial plants and switchgear

Construction :

- 1- Conductor: Solid or Stranded plain annealed copper acc. to IEC 60228 or VDE 0295, class 1& 2 .
- 2- Insulation : XLPE
- 3- Color of insulation : As request
- 4- Outer sheath : Black PVC/ST1 or PVC/ST2

Technical Specification:

- 1- Max. conductor temperature : 90 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 250 °C
- 7- Flame retardant : acc. to IEC 60332-1



Single Core Power Cables with XLPE Insulated & PVC Sheathed

Size (mm ²)	No. x dia. (mm)	Insulation thickness (mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
1 × 1.5 RE	1 × 1.38	0.7	1.4	5.6	44.5
1 × 1.5 RM	7 × 0.52	0.7	1.4	5.8	47
1 × 2.5 RE	1 × 1.78	0.7	1.4	5.9	55.5
1 × 2.5 RM	7 × 0.67	0.7	1.4	6.2	59
1 × 4 RE	1 × 2.25	0.7	1.4	6.5	74
1 × 4 RM	7 × 0.85	0.7	1.4	6.	78
1 × 6 RE	1 × 2.76	0.7	1.4	7.0	96
1 × 6 RM	7 × 1.04	0.7	1.4	7.2	105
1 × 10 RE	1 × 3.57	0.7	1.4	7.6	137
1 × 10 RM	7 × 1.35	0.7	1.4	8.0	142
1 × 16 RM	7 × 1.7	0.7	1.4	9.0	205
1 × 25 RM	7 × 2.14	0.9	1.4	11.0	305
1 × 35 RM	7 × 2.52	0.9	1.4	12.0	405
1 × 50 RM	19 × 1.78	1.0	1.4	13.4	525
1 × 70 RM	19 × 2.16	1.1	1.4	16.0	765
1 × 95 RM	19 × 2.52	1.1	1.5	17.5	1005
1 × 120RM	37 × 2.05	1.2	1.5	19.5	1265
1 × 150RM	37 × 2.27	1.4	1.6	21.3	1543
1 × 185RM	37 × 2.52	1.6	1.6	24.0	1935
1 × 240RM	61 × 2.22	1.7	1.7	27.0	2500
1 × 300RM	61 × 2.5	1.8	1.8	30.0	3100
1 × 400RM	61 × 2.88	2.0	1.9	33.0	3970
1 × 500RM	61 × 3.23	2.2	2.1	37.0	5000

* The above data is approximate and subject to manufacturing tolerances



Jordan union cable

**CU/PVC/PVC
CU/XPLE/PVC**

Code: NYY- O , NYY – J . N2XY – O , N2XY - J

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502- 1 , BS 6346 , VDE 0271

Application : For fixed installation, indoors and outdoors, in cable duct , In ground and water

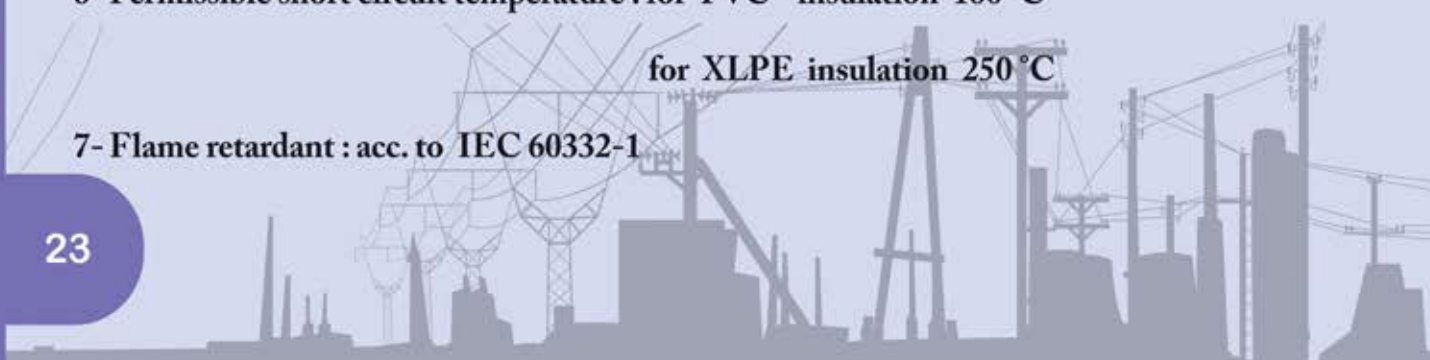
Used for electric network, industrial plants and switchgear.

Construction :

- 1- Conductor : Solid or Stranded plain annealed copper acc. To IEC 60228 or VDE 0295, class 1 & 2
- 2- Insulation : PVC/A or XLPE
- 3-Color of insulation : As request
- 4- Inner covering: Extruded PVC for round conductor and sector shape covered with PP tape.
- 5- Outer sheath : Black PVC/ST1 or PVC/ST2

Technical Specification:

- 1- Max. conductor temperature : for PVC insulation 70 °C for XLPE insulation 90 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : for PVC insulation 160 °C
for XLPE insulation 250 °C
- 7- Flame retardant : acc. to IEC 60332-1



a) NYY- O , NYY – J

Size	Cond. n × d (mm)	Insulation Thickness (mm)	Inner covering (mm)	Sheath Thickness(mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
2 Core NYY						
2 × 1.5 re	1 × 1.38	0.8	1.0	1.8	11.4	185
2 × 1.5 rm	7 × 0.52	0.8	1.0	1.8	12	194
2 × 2.5 re	1 × 1.78	0.8	1.0	1.8	12.4	215
2 × 2.5 rm	7 × 0.67	0.8	1.0	1.8	12.8	230
2 × 4 re	1 × 2.25	1.0	1.0	1.8	13.8	285
2 × 4 rm	7 × 0.85	1.0	1.0	1.8	14.6	300
2 × 6 re	1 × 2.76	1.0	1.0	1.8	14.8	354
2 × 6 rm	7 × 1.04	1.0	1.0	1.8	15.6	385
2 × 10 re	1 × 3.57	1.0	1.0	1.8	16.4	480
2 × 10 rm	7 × 1.35	1.0	1.0	1.8	17.5	510
2 × 16 rm	7 × 1.7	1.0	1.0	1.8	19.3	705
2 × 25 rm	7 × 2.14	1.2	1.0	1.8	22.7	1015
3 Core NYY						
3 × 1.5 re	1 × 1.38	0.8	1.0	1.8	12	205
3 × 1.5 rm	7 × 0.52	0.8	1.0	1.8	12.4	215
3 × 2.5 re	1 × 1.78	0.8	1.0	1.8	13	245
3 × 2.5 rm	7 × 0.67	0.8	1.0	1.8	13.4	265
3 × 4 re	1 × 2.25	1.0	1.0	1.8	14.5	340
3 × 4 rm	7 × 0.85	1.0	1.0	1.8	15.4	360
3 × 6 re	1 × 2.76	1.0	1.0	1.8	15.6	420
3 × 6 rm	7 × 1.04	1.0	1.0	1.8	16.6	455
3 × 10 re	1 × 3.57	1.0	1.0	1.8	17.4	585
3 × 10 rm	7 × 1.35	1.0	1.0	1.8	18.6	620
3 × 16 rm	7 × 1.7	1.0	1.0	1.8	21	840
3 × 25 rm	7 × 2.14	1.2	1.0	1.8	24.6	1220
3 × 35 rm	7 × 2.52	1.2	1.0	1.8	27	1590
3 × 50 sm	19 × 1.83	1.4	-----	1.8	26.0	1685
3 × 70 sm	19 × 2.22	1.4	-----	1.8	30.0	2370
3 × 95 sm	19 × 2.56	1.6	-----	1.9	33.2	3280
3 × 120 sm	37 × 2.08	1.6	-----	2.1	35.5	3910
3 × 150 sm	37 × 2.30	1.8	-----	2.2	39.5	4785
3 × 185 sm	37 × 2.57	2.0	-----	2.4	45.0	5980
3 × 240 sm	37 × 2.93	2.2	-----	2.6	50.0	7855



Size	Cond. n×d (mm)	Insulation Thickness (mm)	Inner covering (mm)	Sheath Thickness(mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
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3 1/2 Core NYY

3× 25/16 rm	7×2.14/7×1.7	1.2 - 1.0	1	1.8	26.2	1510
3× 35/16 rm	7×2.52/7×1.7	1.2 - 1.0	1	1.8	28	1880
3× 50/25 sm	19×1.83/7×2.18	1.4 - 1.2	...	1.8	27.3	2110
3× 70/35 sm	19×2.22/7×2.57	1.4 - 1.2	...	1.9	31.11	2845
3× 95/50 sm	19×2.57/19×1.83	1.6 - 1.4	...	2.1	34.7	3920
3×120/70 sm	37×2.08/19×2.22	1.6 - 1.4	...	2.2	38.2	4880
3×150/70 sm	37×2.30/19×2.22	1.8 - 1.4	...	2.3	44	5870
3×185/95 sm	37×2.57/19×2.57	2.0 - 1.6	...	2.4	47.4	7395
3×240/120sm	37×2.93/37×2.08	2.2 - 1.6	...	2.5	53.6	9550

4 Core NYY

4 × 1.5 re	1 × 1.38	0.8	1.0	1.8	13	235
4 × 1.5 rm	7 × 0.52	0.8	1.0	1.8	13.4	250
4 × 2.5 re	1 × 1.78	0.8	1.0	1.8	14	300
4 × 2.5 rm	7 × 0.67	0.8	1.0	1.8	14.5	315
4 × 4 re	1 × 2.25	1.0	1.0	1.8	15.6	415
4 × 4 rm	7 × 0.85	1.0	1.0	1.8	16.6	420
4 × 6 re	1 × 2.76	1.0	1.0	1.8	16.8	520
4 × 6 rm	7 × 1.04	1.0	1.0	1.8	18	530
4 × 10 re	1 × 3.57	1.0	1.0	1.8	18.8	720
4 × 10 rm	7 × 1.35	1.0	1.0	1.8	20.2	750
4 × 16 rm	7 × 1.7	1.0	1.0	1.8	22.7	1030
4 × 25 rm	7 × 2.14	1.2	1.0	1.8	26.8	1540
4 × 35 rm	7 × 2.52	1.2	1.0	1.8	29	2040
4 × 50 sm	19×1.83	1.4	-----	1.9	28.5	2180
4 × 70 sm	19×2.22	1.4	-----	2.0	33.0	3100
4 × 95 sm	19×2.57	1.6	-----	2.1	37.5	4160
4 × 120sm	37×2.08	1.6	-----	2.2	40.0	5130
4 × 150sm	37×2.30	1.8	-----	2.4	44.5	6325
4 × 185sm	37×2.57	2.0	-----	2.6	49.0	7670

*The above data is approximate and subject to manufacturing tolerances



b) N2XY – O , N2XY – J

Size	Cond. n d (mm)	Insulation Thickness (mm)	Inner covering (mm)	Sheath Thickness(mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
2 Core N2XY						
2 × 1.5 re	1 × 1.38	0.7	1.0	1.8	11	170
2 × 1.5 rm	7 × 0.52	0.7	1.0	1.8	11.5	180
2 × 2.5 re	1 × 1.78	0.7	1.0	1.8	12	205
2 × 2.5 rm	7 × 0.67	0.7	1.0	1.8	12.5	215
2 × 4 re	1 × 2.25	0.7	1.0	1.8	13	257
2 × 4 rm	7 × 0.85	0.7	1.0	1.8	13.5	264
2 × 6 re	1 × 2.76	0.7	1.0	1.8	14	310
2 × 6 rm	7 × 1.04	0.7	1.0	1.8	14.5	336
2 × 10 re	1 × 3.57	0.7	1.0	1.8	15.5	425
2 × 10 rm	7 × 1.35	0.7	1.0	1.8	16.5	456
3 Core N2XY						
3 × 1.5 re	1 × 1.38	0.7	1.0	1.8	11.5	186
3 × 1.5 rm	7 × 0.52	0.7	1.0	1.8	12	195
3 × 2.5 re	1 × 1.78	0.7	1.0	1.8	12.5	227
3 × 2.5 rm	7 × 0.67	0.7	1.0	1.8	13	236
3 × 4 re	1 × 2.25	0.7	1.0	1.8	13.5	294
3 × 4 rm	7 × 0.85	0.7	1.0	1.8	14	300
3 × 6 re	1 × 2.76	0.7	1.0	1.8	14.5	363
3 × 6 rm	7 × 1.04	0.7	1.0	1.8	15.5	390
3 × 10 re	1 × 3.57	0.7	1.0	1.8	16	510
3 × 10 rm	7 × 1.35	0.7	1.0	1.8	17.5	542
3 × 16 rm	7 × 1.7	0.7	1.0	1.8	19.5	756
3 × 25 rm	7 × 2.14	0.9	1.0	1.8	23	1105
3 × 35 rm	7 × 2.52	0.9	1.0	1.8	25.5	1470
3 × 50 sm	19 × 1.83	1.0	...	1.8	24.1	1570
3 × 70 sm	19 × 2.22	1.1	...	1.9	27.2	2250
3 × 95 sm	19 × 2.57	1.1	...	2.0	30.2	3010
3 × 120 sm	37 × 2.08	1.2	...	2.1	34.1	3740
3 × 150 sm	37 × 2.30	1.4	...	2.2	38.0	4585
3 × 185 sm	37 × 2.57	1.6	...	2.3	42.2	5715
3 × 240 sm	37 × 2.93	1.7	...	2.5	48.0	7595
3 1/2 Core N2XY						
3 × 25/16 rm	7 × 2.14/7 × 1.7	0.9 – 0.7	1	1.8	24	1390
3 × 35/16 rm	7 × 2.52/7 × 1.7	0.9 – 0.7	1	1.8	26.5	1750
3 × 50/25 sm	19 × 1.83/7 × 2.18	1.0 – 0.9	...	1.8	26	1935
3 × 70/35 sm	19 × 2.22/7 × 2.57	1.1 – 0.9	...	1.9	29	2685
3 × 95/50 sm	19 × 2.57/19 × 1.83	1.1 – 1.0	...	2.0	32	3660
3 × 120/70 sm	37 × 2.08/19 × 2.22	1.2 – 1.1	...	2.1	36	4625
3 × 150/70 sm	37 × 2.30/19 × 2.22	1.4 – 1.1	...	2.3	41	5560





Multi Core Power Cables with PVC or XLPE Insulated & PVC Sheathed

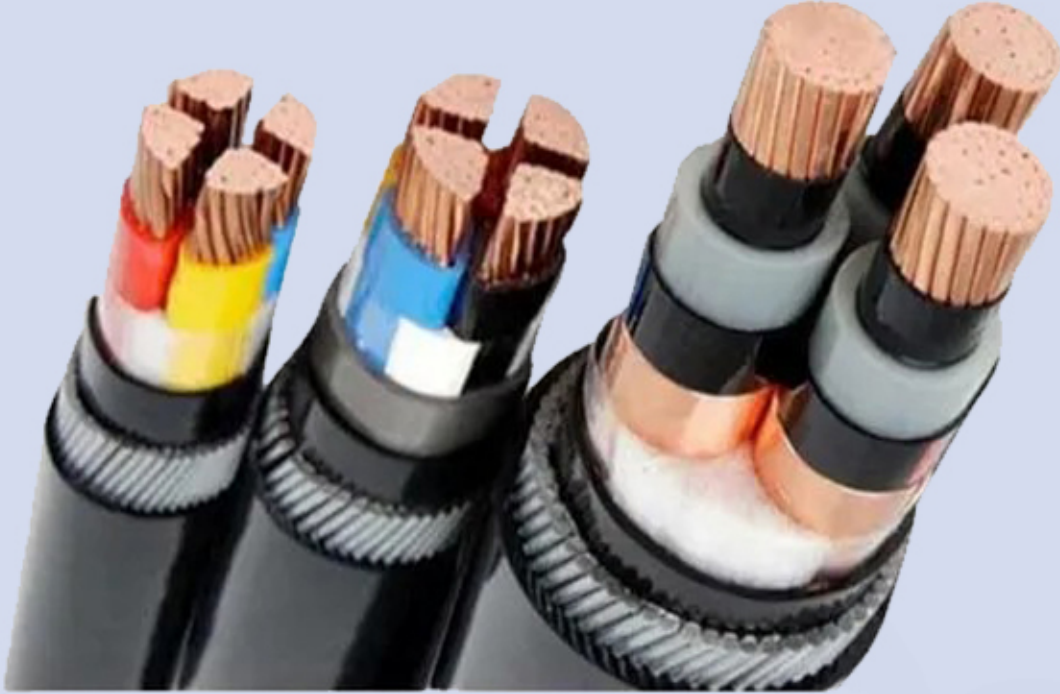
Size	Cond. n × d (mm)	Insulation Thickness (mm)	Inner covering (mm)	Sheath Thickness(mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
3 × 185 /95 sm	37 × 2.57/19 × 2.57	1.6 – 1.1	...	2.4	43	7020
3 × 240/120sm	37 × 2.93/37 × 2.08	1.7 – 1.2	...	2.6	48	9065

4 Core N2XY

4 × 1.5 re	1 × 1.38	0.7	1.0	1.8	12.5	212
4 × 1.5 rm	7 × 0.52	0.7	1.0	1.8	13	221
4 × 2.5 re	1 × 1.78	0.7	1.0	1.8	13.4	267
4 × 2.5 rm	7 × 0.67	0.7	1.0	1.8	14	276
4 × 4 re	1 × 2.25	0.7	1.0	1.8	14.5	346
4 × 4 rm	7 × 0.85	0.7	1.0	1.8	15	352
4 × 6 re	1 × 2.76	0.7	1.0	1.8	15.5	434
4 × 6 rm	7 × 1.04	0.7	1.0	1.8	16.5	465
4 × 10 re	1 × 3.57	0.7	1.0	1.8	17.5	623
4 × 10 rm	7 × 1.35	0.7	1.0	1.8	18.5	660
4 × 16 rm	7 × 1.7	0.7	1.0	1.8	21	925
4 × 25 rm	7 × 2.14	0.9	1.0	1.8	25	1368
4 × 35 rm	7 × 2.52	0.9	1.0	1.8	28	1845
4 × 50 sm	19 × 1.83	1.0	-----	1.8	27.0	2030
4 × 70 sm	19 × 2.22	1.1	-----	2.0	30.0	2940
4 × 95 sm	19 × 2.57	1.1	-----	2.1	34.0	3910
4 × 120sm	37 × 2.88	1.2	-----	2.2	38.2	4900
4 × 150sm	37 × 2.30	1.4	-----	2.4	42.5	6040
4 × 185sm	37 × 2.57	1.6	-----	2.5	46.5	7530

*The above data is approximate and subject to manufacturing tolerances





كيبيلات الأتحاد الأردنية
Jordan Union Cable



51113

Type and size : 4x25 NYY_O Power cable

Data of production : 2020

First Meter No : 455

Standard : IEC60502-1

Last Meter No : 955

QC : OK

Lenth : 500

CU/PVC/AWA/PVC (single core)
CU/PVC/SWA/PVC (Multi core)

Code: NYRY

Rated voltage : 0.6/1 KV

Reference standard : 60502 IEC - 1 , BS 6346 , VDE 0271

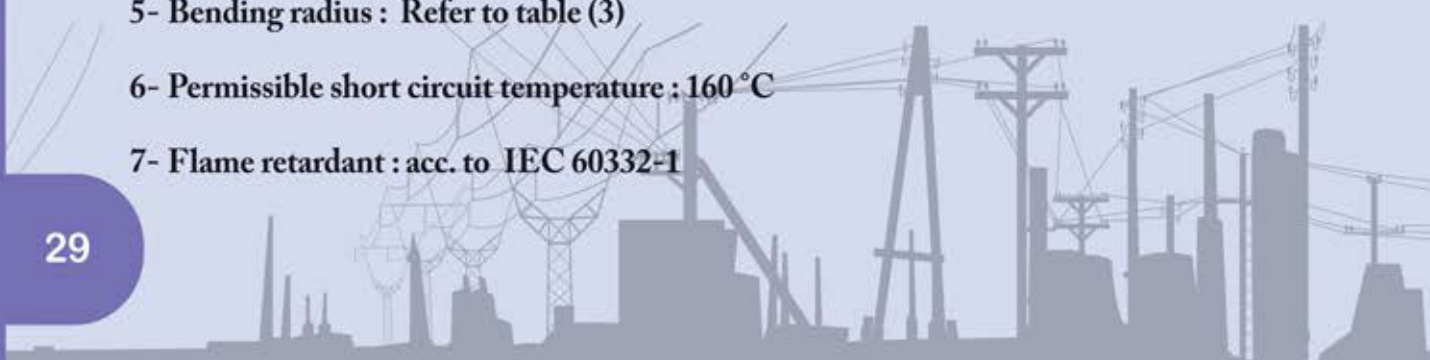
Application : PVC insulated and PVC sheathed wire armored cable for indoors and outdoors
in cable duct, underground and water, if greater mechanical protection is required.

Construction :

- 1- Conductor: Solid or Stranded plain annealed copper acc. To IEC 60228 or VDE 0295, class 1& class2
- 2- Insulation: PVC/A
- 3- Color of insulation : As request
- 4- Inner covering : Extruded PVC In sector shape cable , the cores covered with PP Tape
- 5- Armore : Aluminum wire armor for single core cables Galvanized Steel Wire armor for multi core cables
- 6- Outer sheath: Black PVC/ST1

Technical Specification:

- 1- Max. conductor temperature : 70 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature ; 160 °C
- 7- Flame retardant : acc. to IEC 60332-1



Single & Multi Core Wire Armored Cables with PVC Insulated & PVC Sheathed

Size (mm ²)	No. × dia.(mm)	Insulation thickness (mm)	Armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
Single core NYRY-re, rm						
1 × 1.5 re	1 × 1.38	0.8	0.9	1.8	10.7	146
1 × 1.5 rm	7 × 0.52	0.8	0.9	1.8	10.9	150
1 × 2.5 re	1 × 1.78	0.8	0.9	1.8	11.1	162
1 × 2.5 rm	7 × 0.67	0.8	0.9	1.8	11.3	170
1 × 4 re	1 × 2.25	1.0	0.9	1.8	12.0	200
1 × 4 rm	7 × 0.85	1.0	0.9	1.8	12.4	206
1 × 6 re	1 × 2.76	1.0	0.9	1.8	12.6	230
1 × 6 rm	7 × 1.04	1.0	0.9	1.8	12.8	237
1 × 10 re	1 × 3.57	1.0	0.9	1.8	13.4	283
1 × 10 rm	7 × 1.35	1.0	0.9	1.8	13.7	297
1 × 16 rm	7 × 1.7	1.0	0.9	1.8	14.8	375
1 × 25 rm	7 × 2.14	1.2	1.2	1.8	16.5	506
1 × 35 rm	7 × 2.52	1.2	1.2	1.8	17.7	628
1 × 50 rm	19 × 1.78	1.4	1.2	1.8	20.4	856
1 × 70 rm	19 × 2.16	1.4	1.2	1.8	21.7	1081
1 × 95 rm	19 × 2.52	1.6	1.6	1.8	24.2	1379
1 × 120 rm	37 × 2.03	1.6	1.6	1.8	26.5	1700
1 × 150 rm	37 × 2.27	1.8	1.6	1.8	28.6	2062
1 × 185 rm	37 × 2.52	2.0	1.6	1.9	30.7	2465
1 × 240 rm	61 × 2.22	2.2	2.0	2.1	33.8	3099
1 × 300 rm	61 × 2.5	2.4	2.0	2.2	38.0	3928
2 core NYRY-re, rm						
2 × 1.5 re	1 × 1.38	0.8	0.9	1.8	13.7	337
2 × 1.5 rm	7 × 0.52	0.8	0.9	1.8	14.0	346
2 × 2.5 re	1 × 1.78	0.8	0.9	1.8	14.5	385
2 × 2.5 rm	7 × 0.67	0.8	0.9	1.8	14.9	407
2 × 4 re	1 × 2.25	1.0	0.9	1.8	16.2	491
2 × 4 rm	7 × 0.85	1.0	0.9	1.8	16.8	520

*The above data is approximate and subject to manufacturing tolerances



Jordan union cable

Size (mm ²)	No.xdia.(mm)	Insulation thickness (mm)	Armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
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2 × 6 re	1 × 2.76	1.0	1.2	1.8	17.9	651
2 × 6 rm	7 × 1.04	1.0	1.2	1.8	18.6	696
2 × 10 re	1 × 3.57	1.0	1.2	1.8	19.5	810
2 × 10 rm	7 × 1.35	1.0	1.2	1.8	20.4	863

3core NYRY- re , rm

3 × 1.5 re	1 × 1.38	0.8	0.9	1.8	14.1	360
3 × 1.5 rm	7 × 0.52	0.8	0.9	1.8	14.5	380
3 × 2.5 re	1 × 1.78	0.8	0.9	1.8	15	428
3 × 2.5 rm	7 × 0.67	0.8	0.9	1.8	15.5	442
3 × 4 re	1 × 2.25	1.0	0.9	1.8	16.9	552
3 × 4 rm	7 × 0.85	1.0	0.9	1.8	17.5	583
3 × 6 re	1 × 2.76	1.0	1.2	1.8	18.6	740
3 × 6 rm	7 × 1.04	1.0	1.2	1.8	19.4	787
3 × 10 re	1 × 3.57	1.0	1.2	1.8	20.4	936
3 × 10 rm	7 × 1.35	1.0	1.2	1.8	21.3	992
3 × 16 rm	7 × 1.7	1.0	1.2	1.8	23.7	1290
3 × 25 rm	7 × 2.14	1.2	1.6	1.8	28	1916
3 × 35 rm	7 × 2.52	1.2	1.6	1.8	30.5	2351

4 core NYRY- re , rm

4 × 1.5 re	1 × 1.38	0.8	0.9	1.8	14.9	414
4 × 1.5 rm	7 × 0.52	0.8	0.9	1.8	15.3	426
4 × 2.5 re	1 × 1.78	0.8	0.9	1.8	15.9	483
4 × 2.5 rm	7 × 0.67	0.8	0.9	1.8	16.4	510
4 × 4 re	1 × 2.25	1.0	1.2	1.8	18.7	727
4 × 4 rm	7 × 0.85	1.0	1.2	1.8	19.4	771
4 × 6 re	1 × 2.76	1.0	1.2	1.8	19.9	851
4 × 6 rm	7 × 1.04	1.0	1.2	1.8	20.7	903
4 × 10 re	1 × 3.57	1.0	1.2	1.8	21.8	1109
4 × 10 rm	7 × 1.35	1.0	1.2	1.8	22.9	1173
4 × 16 rm	7 × 1.7	1.0	1.6	1.8	26.2	1670
4 × 25 rm	7 × 2.14	1.2	1.6	1.8	30.3	2297
4 × 35 rm	7 × 2.52	1.2	1.6	1.9	33.3	2854



Single & Multi Core Wire Armored Cables with PVC Insulated & PVC Sheathed

Size (mm ²)	No.xdia.(mm)	Insulation thickness (mm)	Armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
3 1/2 core NYRY - sm						
3 × 25 /16 rm	7 × 2.14 - 7 × 1.7	1.2 - 1.0	1.6	1.8	29.3	2105
3 × 35 /16 rm	7 × 2.52 - 7 × 1.7	1.2 - 1.0	1.6	1.9	31.6	2509
3 × 50 /25 sm	19 × 1.83 / 7 × 2.18	1.4 - 1.2	2.0	2.0	34.7	3242
3 × 70 /35 sm	19 × 2.22 / 7 × 2.57	1.4 - 1.2	2.0	2.1	38.5	4196
3 × 95 /50 sm	19 × 2.57 / 19 × 1.83	1.6 - 1.4	2.0	2.3	43.5	5411
3 × 120 /70 sm	37 × 2.08 / 19 × 2.22	1.6 - 1.4	2.5	2.4	48.4	6975
3 × 150 /70 sm	37 × 2.30 / 19 × 2.22	1.8 - 1.4	2.5	2.6	52.2	8054
3 × 185 /95 sm	37 × 2.57 / 19 × 2.57	2.0 - 1.6	2.5	2.7	57.1	9824

*The above data is approximate and subject to manufacturing tolerances



Jordan union cable

CU/XLPE/AWA/PVC (single core)
CU/XLPE/SWA/PVC (Multi core)

Code: N2XRY

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502- 1 , BS 6346 , VDE 0271

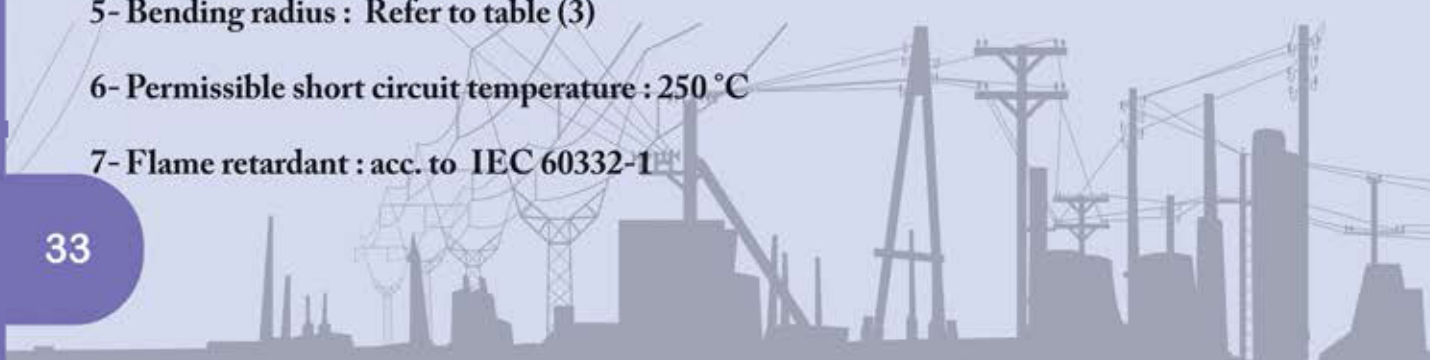
Application : XLPE insulated and PVC sheathed wire armored cable for indoors and outdoors, in cable duct, underground and water, if greater mechanical protection is required.

Construction :

- 1- Conductor : Solid or Stranded plain annealed copper acc. to IEC 60228 or VDE 0295, class 1 & 2
- 2- Insulation : XLPE
- 3- Color of insulation : As request
- 4- Inner covering : Extruded PVC Or In sector shape cable , the cores covered with PP Tape
- 5- Armors : Aluminum wire armor for single core cables, Galvanized Steel Wire armor for multi core cables
- 7- Outer sheath : Black PVC

Technical Specification:

- 1- Max. conductor temperature : 90 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 250 °C
- 7- Flame retardant : acc. to IEC 60332-1



Size (mm ²)	No.xdia.(mm)	Insulation thickness (mm)	Armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
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Single core N2XRY - rm

1 × 1.5 rm	7 × 0.52	0.7	0.9	1.8	10.5	214
1 × 2.5 rm	7 × 0.67	0.7	0.9	1.8	11	237
1 × 4 rm	7 × 0.85	0.7	0.9	1.8	11.7	278
1 × 6 rm	7 × 1.04	0.7	0.9	1.8	12.0	312
1 × 10 rm	7 × 1.35	0.7	0.9	1.8	13.1	356
1 × 16 rm	7 × 1.7	0.7	0.9	1.8	14.2	382
1 × 25 rm	7 × 2.14	0.9	0.9	1.8	15.8	475
1 × 35 rm	7 × 2.52	0.9	1.2	1.8	17.3	625
1 × 50 rm	19 × 1.78	1.0	1.2	1.8	18.5	765
1 × 70 rm	19 × 2.16	1.1	1.2	1.8	21.2	1035
1 × 95 rm	19 × 2.52	1.1	1.6	1.8	23.2	1330
1 × 120 rm	37 × 2.03	1.2	1.6	1.8	25.6	1620
1 × 150 rm	37 × 2.27	1.4	1.6	1.8	27.5	1980
1 × 185 rm	37 × 2.52	1.6	1.6	1.9	29.8	2320
1 × 240 rm	61 × 2.22	1.7	2.0	2.1	32.8	3130
1 × 300 rm	61 × 2.5	1.8	2.0	2.2	36.5	3690
1 × 400 rm	61 × 2.85	2.0	2.0	2.3	40.0	4680

2core N2XRY - rm

2 × 1.5 rm	7 × 0.52	0.7	0.9	1.8	13.5	365
2 × 2.5 rm	7 × 0.67	0.7	0.9	1.8	14.3	505
2 × 4 rm	7 × 0.85	0.7	0.9	1.8	15.6	415
2 × 6 rm	7 × 1.04	0.7	1.2	1.8	17.0	665
2 × 10 rm	7 × 1.35	0.7	1.2	1.8	18.2	815
2 × 16 rm	7 × 1.7	0.7	1.2	1.8	20.0	1030
2 × 25 rm	7 × 2.14	0.9	1.6	1.8	24.0	1530
2 × 35 rm	7 × 2.52	0.9	1.6	1.8	27.5	1970

*The above data is approximate and subject to manufacturing tolerances



Size (mm ²)	No.xdia.(mm)	Insulation thickness (mm)	Armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
3 core N2XRY - rm , sm						
3 × 1.5 rm	7 × 0.52	0.7	0.9	1.8	13.2	355
3 × 2.5 rm	7 × 0.67	0.7	0.9	1.8	15.0	445
3 × 4 rm	7 × 0.85	0.7	1.2	1.8	16.5	615
3 × 6 rm	7 × 1.04	0.7	1.2	1.8	18.0	765
3 × 10 rm	7 × 1.35	0.7	1.2	1.8	19.5	935
3 × 16 rm	7 × 1.7	0.7	1.2	1.8	22.0	1210
3 × 25 rm	7 × 2.14	0.9	1.6	1.8	25.0	1810
3 × 35 rm	7 × 2.52	0.9	1.6	1.9	29.0	2320
3 × 50 sm	19 × 1.83	1.0	1.6	2.0	30.0	2530
3 × 70 sm	19 × 2.22	1.1	2.0	2.1	34.5	3620
3 × 95 sm	19 × 2.57	1.1	2.0	2.2	37.5	4480
3 × 120 sm	37 × 2.08	1.2	2.0	2.3	39	5340
3 × 150 sm	37 × 2.30	1.4	2.5	2.5	45	6830
3 × 185 sm	37 × 2.57	1.6	2.5	2.6	51	8200
3 × 240 sm	37 × 2.93	1.7	2.5	2.8	56.5	10230
3 1/2 core N2XRY -rm , sm						
3 × 25 / 16 rm	7 × 2.14-7 × 1.7	0.9 - 0.7	1.6	1.8	26.0	2010
3 × 35 / 16 rm	7 × 2.52-7 × 1.7	0.9 - 0.7	1.6	1.9	31.0	2720
3 × 50 / 25 sm	19 × 1.83/ 7 × 2.18	1.0 - 0.9	1.6	2.0	31.5	2800
3 × 70 / 35 sm	19 × 2.22/ 7 × 2.57	1.1 - 0.9	2.0	2.1	35.5	3910
3 × 95 / 50 sm	19 × 2.57/19 × 1.83	1.1 - 1.0	2.0	2.2	39.5	4975
3 × 120/ 70 sm	37 × 2.08/19 × 2.22	1.2 - 1.1	2.0	2.3	42.0	6080
3 × 150/ 70 sm	37 × 2.30/19 × 2.22	1.4 - 1.1	2.5	2.5	47.5	7540
3 × 185/ 95 sm	37 × 2.57/19 × 2.57	1.6 - 1.1	2.5	2.7	52.0	9180
3 × 240/120sm	37 × 2.93/37 × 2.08	1.7 - 1.2	2.5	2.8	57.5	11430
4 core N2XRY - rm , sm						
4 × 1.5 rm	7 × 0.52	0.7	0.9	1.8	15.2	452
4 × 2.5 rm	7 × 0.67	0.7	0.9	1.8	15.8	512
4 × 4 rm	7 × 0.85	0.7	1.2	1.8	18.3	715
4 × 6 rm	7 × 1.04	0.7	1.2	1.8	19.0	855
4 × 10 rm	7 × 1.35	0.7	1.6	1.8	22.0	1200
4 × 16 rm	7 × 1.7	0.7	1.6	1.8	24.0	1600
4 × 25 rm	7 × 2.14	0.9	1.6	1.8	27.2	2145
4 × 35 rm	7 × 2.52	0.9	1.6	2.0	30.2	2765
4 × 50 sm	19 × 1.83	1.0	1.6	2.0	31.2	3025
4 × 70 sm	19 × 2.22	1.1	2.0	2.2	36.0	4280
4 × 95 sm	19 × 2.57	1.1	2.0	2.3	39.0	5410
4 × 120 sm	37 × 2.08	1.2	2.0	2.4	42.0	6545
4 × 150 sm	37 × 2.30	1.4	2.5	2.6	48.5	8270
4 × 185 sm	37 × 2.57	1.6	2.5	2.7	54.5	9950

*The above data is approximate and subject to manufacturing tolerances

المملكة الأردنية الهاشمية
عمارة هاشميا 55
وزارة المالية - عمان 20210

رقم الشهادة : 49105
تاريخ الشهادة : 2020/09/13

شهادة منشأ

بموجب أحكام اتفاقية تيسير وتنمية التبادل التجاري بين الدول العربية.

1 - المصدر وعنوانه كاملاً : شركة نقره القبره لصناعة الكابلات الاردن	2 - المنتج وعنوانه كاملاً : شركة نقره القبره لصناعة الكابلات الاردن
3 - المستورد وعنوانه كاملاً : شركة رخيص الحق للتجارة العامة محدودة السورية البحر	4 - بلد المنشأ : ارضي 5 - تم تطبيق التراكم مع دول أخرى ؟ نعم <input type="checkbox"/> اسم الدولة : لا <input checked="" type="checkbox"/>
6 - تفاصيل الشحن : بحرا	7 - ملاحظات :
8 - وصف السلع، العلامة التجارية (إن وجدت)، عدد ونوع وأرقام الطرود : اسلاك من النحاس	9 - الوزن القائم (كغم) أو ما يعادلها أخرى (الترميز مكمّل) : 27937.5 كغم 10 - رقم وتاريخ الفاتورة (التواتير) : 9/2020 2020/09/13
<p>11 - إقرار وتعهد المصدر : أقر بأن جميع البيانات المذكورة أعلاه صحيحة وأن السلع الوارد وصفها أعلاه مستوفاة للشروط والمعايير اللازمة لإكساب صفة المنشأ. المكان : التاريخ :</p> <p>12 - توقيع وخاتم الجهة المصدرة للشهادة : التوقيع : الخاتم : التاريخ : 2020/09/13</p> <p>13 - تصديق الممثل الحكومي المختصة : التوقيع : الخاتم : التاريخ :</p>	

Tel: +962 6 464 3001 - Fax: +962 6 464 7852 - P.O.Box: 1800 Amman 11118 Jordan
E-mail: aci@aci.org.jo www.aci.org.jo



CU/XLPE/STA/PVC

Code: N2XBY

Rated voltage : 0.6/1 KV

Reference standard : IEC 60502- 1 , BS 6346 , VDE 0271

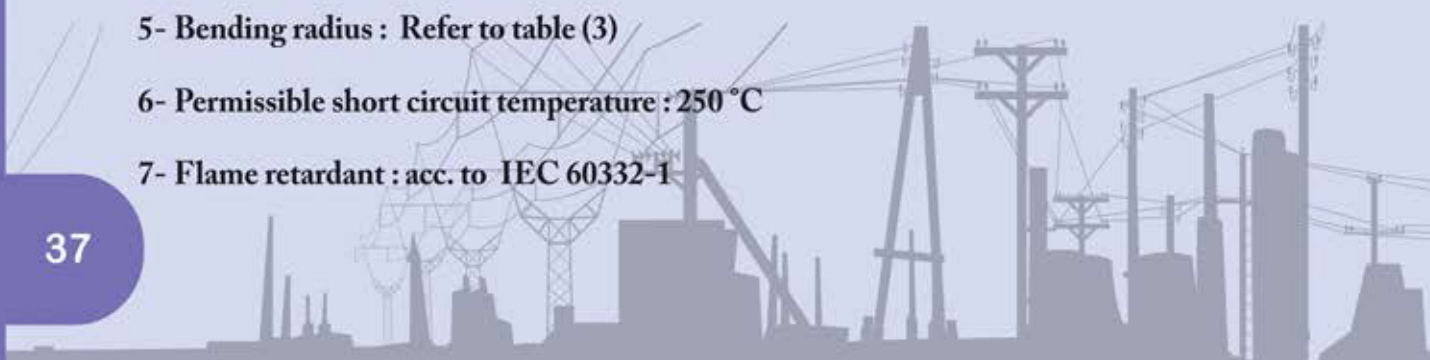
Application : XLPE insulated and PVC sheathed TAPE armored cable for indoors and outdoors, in cable duct, underground ,power plant and switchgear ,industrial plant and distribution systems. if greater mechanical protection is required.

Construction :

- 1- Conductor: Stranded plain annealed copper acc. To IEC 60228 or VDE0295, class 2
- 2- Insulation : XLPE
- 3- Color of insulation : As request
- 4- Inner covering : Extruded PVC Or In sector shape cable , the cores covered with PP Tape
- 5- Armore : Aluminum tape armor for single core cables
Galvanized Steel tape armor for multi core cables
- 6- Outer sheath : Black PVC

Technical Specification:

- 1- Max. conductor temperature : 90 °C
- 2- Conductor resistant : Refer to table (1)
- 3- Test voltage : 3.5 KV ac or 8.4 KV dc for 5 min.
- 4- Current carrying capacity : Refer to table (2)
- 5- Bending radius : Refer to table (3)
- 6- Permissible short circuit temperature : 250 °C
- 7- Flame retardant : acc. to IEC 60332-1



Multi Core Tape Armored Cables with XLPE Insulated & PVC Sheathed

Size (mm ²)	No. × dia.(mm)	Insulation thickness (mm)	A armor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
2core N2XBY -rm						
2 × 1.5 rm	7 × 0.52	0.7	0.2	1.8	12.5	256
2 × 2.5 rm	7 × 0.67	0.7	0.2	1.8	13.5	300
2 × 4 rm	7 × 0.85	0.7	0.2	1.8	14.2	356
2 × 6 rm	7 × 1.04	0.7	0.2	1.8	16.2	450
2 × 10 rm	7 × 1.35	0.7	0.2	1.8	17.6	575
2 × 16 rm	7 × 1.7	0.7	0.2	1.8	19.2	735
2 × 25 rm	7 × 2.14	0.9	0.2	1.8	23.0	1050
2 × 35 rm	7 × 2.52	0.9	0.2	1.8	25.5	1405
3 core N2XBY-rm , sm						
3 × 1.5 rm	7 × 0.52	0.7	0.2	1.8	13.2	282
3 × 2.5 rm	7 × 0.67	0.7	0.2	1.8	14.2	338
3 × 4 rm	7 × 0.85	0.7	0.2	1.8	15.2	408
3 × 6 rm	7 × 1.04	0.7	0.2	1.8	16.4	527
3 × 10 rm	7 × 1.35	0.7	0.2	1.8	18.2	685
3 × 16 rm	7 × 1.7	0.7	0.2	1.8	20.2	905
3 × 25 rm	7 × 2.14	0.9	0.2	1.8	23.4	1275
3 × 35 rm	7 × 2.52	0.9	0.2	1.8	26.0	1645
3 × 50 sm	19 × 1.83	1.0	0.2	1.9	29.5	1962
3 × 70 sm	19 × 2.22	1.1	0.2	2.0	23.5	2630
3 × 95 sm	19 × 2.57	1.1	0.5	2.2	36.5	3850
3 × 120 sm	37 × 2.08	1.2	0.5	2.3	39.0	4655
3 × 150 sm	37 × 2.30	1.4	0.5	2.4	45.0	5645
3 × 185 sm	37 × 2.57	1.6	0.5	2.6	49.0	6960
3 × 240 sm	37 × 2.93	1.7	0.5	2.8	54.6	8820
3 1/2 core N2XBY- rm , sm						
3 × 25 / 16 rm	7 × 2.14 - 7 × 1.7	0.9 - 0.7	0.2	1.8	24.3	1455
3 × 35 / 16 rm	7 × 2.52 - 7 × 1.7	0.9 - 0.7	0.2	1.8	27.0	1815
3 × 50 / 25 sm	19 × 1.83 / 7 × 2.18	1.0 - 0.9	0.2	1.9	30.5	2280
3 × 70 / 35 sm	19 × 2.22 / 7 × 2.57	1.1 - 0.9	0.2	2.1	34.0	3070
3 × 95 / 50 sm	19 × 2.57 / 19 × 1.83	1.1 - 1.0	0.5	2.2	38.0	4470
3 × 120 / 70 sm	37 × 2.08 / 19 × 2.22	1.2 - 1.1	0.5	2.4	41.0	5520
3 × 150 / 70 sm	37 × 2.30 / 19 × 2.22	1.4 - 1.1	0.5	2.5	46.0	6560
3 × 185 / 95 sm	37 × 2.57 / 19 × 2.57	1.6 - 1.1	0.5	2.7	50.0	8145
3 × 240 / 120sm	37 × 2.93 / 37 × 2.08	1.7 - 1.2	0.5	2.8	55.2	10340

Size (mm ²)	No.xdia.(mm)	Insulation thickness (mm)	Aarmor dia.(mm)	Sheath thickness (mm)	Overall dia. approx. (mm)	Weight approx. (Kg/Km)
4 core N2XBY-rm , sm						
4 × 1.5rm	7 × 0.52	0.7	0.2	1.8	13.5	312
4 × 2.5rm	7 × 0.67	0.7	0.2	1.8	14.5	375
4 × 4 rm	7 × 0.85	0.7	0.2	1.8	15.5	465
4 × 6 rm	7 × 1.04	0.7	0.2	1.8	18.0	615
4 × 10 rm	7 × 1.35	0.7	0.2	1.8	19.4	805
4 × 16 rm	7 × 1.7	0.7	0.2	1.8	21.4	1090
4 × 25 rm	7 × 2.14	0.9	0.2	1.8	25.7	1590
4 × 35 rm	7 × 2.52	0.9	0.2	1.9	30.8	2270
4 × 50 sm	19 × 1.83	1.0	0.2	2.0	32.0	2530
4 × 70 sm	19 × 2.22	1.1	0.5	2.2	35.7	3785
4 × 95 sm	19 × 2.57	1.1	0.5	2.3	39.2	4980
4 × 120sm	37 × 2.08	1.2	0.5	2.4	40.5	6035
4 × 150sm	37 × 2.30	1.4	0.5	2.6	47.0	7355
4 × 185sm	37 × 2.57	1.6	0.5	2.8	53.1	9065

*The above data is approximate and subject to manufacturing tolerances



Flat Wire with PVC Insulated



صنع تحت بنود المؤسسة البريطانية للمواصفات
والمقاييس لتعمل درجات الحرارة القصوى