Cu/PVC/CWS/PVC 0.6/1 kV (NYCY)

Specification :
SNI IEC 60502-1 : 2009

Constructions:

Conductor
Annealed plain copper round solid or round circular stranded according to SNI IEC 60228

Insulation
Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502-1
Colour :
- Light Blue, Brown

Inner Covering / filler
Extruded Polyvinyl Chloride (PVC), Black colour

Shield
Helically copper wire with transverse helix of annealed copper tape

Outer Sheath
The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST1 to SNI IEC 60502-1. Black colour.

Applications:
indoor, in ducts, in the open, underground, if mechanical damage is not expected

Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

Note : [re] Round solid conductor
[rm] Circular stranded conductor

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness of Insulation	Cross section Area of Concentric Shield	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
							In Ground	In Air		
sq.mm	mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
2 x 1.5 re/1.5	0.8	1.5	1.8	13.5	230	12	27	21	0.17	1000/D
2 x 1.5 rm/1.5	0.8	1.5	1.8	13.9	242	11	27	21	0.17	1000/D
2 x 2.5 re/2.5	0.8	2.5	1.8	14.5	281	10	36	29	0.29	1000/D
2 x 2.5 rm/2.5	0.8	2.5	1.8	16.2	290	9	36	29	0.29	1000/D
2 x 4 re/4	1.0	4	1.8	16.8	370	10	47	38	0.46	1000/D
2 x 4 rm/4	1.0	4	1.8	17.2	395	9	47	38	0.46	1000/D
2 x 6 re/6	1.0	6	1.8	17.8	454	9	59	48	0.69	1000/D
2 x 6 rm/6	1.0	6	1.8	18.1	485	8	59	48	0.69	1000/D
2 x 10 re/10	1.0	10	1.8	19.8	635	7	78	66	1.15	1000/D
2 x 10 rm/10	1.0	10	1.8	20.2	658	6	78	66	1.15	1000/D
2 x 16 rm/16	1.0	16	1.8	22	891	5	102	90	1.84	1000/D
2 x 25 rm/16	1.2	16	1.8	25.6	1207	5	134	120	2.88	1000/D
2 x 35 rm/16	1.2	16	1.8	27.8	1476	4	180	150	4.03	1000/D
2 x 50 rm/25	1.4	25	1.9	31.3	1928	4	210	180	4.75	1000/D
2 x 70 rm/35	1.4	35	2.0	35.8	2605	4	260	230	8.05	1000/D
2 x 95 rm/50	1.6	50	2.2	40.4	3557	4	315	280	10.93	1000/D
2 x 120 rm/70	1.6	70	2.3	43.6	4376	3	320	320	13.80	1000/D
2 x 150 rm/70	1.8	70	2.4	48.5	5208	3	355	375	17.25	500/D
2 x 185 rm/95	2.0	95	2.6	53.8	6546	3	409	430	21.28	500/D
2 x 240 rm/120	2.2	120	2.8	60.6	8368	3	472	510	27.60	500/D
2 x 300 rm/150	2.4	150	3.0	67.5	10385	3	525	590	34.50	500/D

Cu/PVC/CWS/PVC 0.6/1 kV (NYCY)

Specification :
SNI IEC 60502-1 : 2009

Constructions:

Conductor
Annealed plain copper round solid or round circular stranded according to SNI IEC 60228

Insulation
Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502-1
Colour :
- Yellow Strip Green, Brown, Black and Grey
- Light Blue, Brown, Black And Grey

Inner Covering / filler
Extruded Polyvinyl Chloride (PVC), Black colour

Shield
Annealed copper wire with transverse helix of Annealed copper tape

Outer Sheath
The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST1 to SNI IEC 60502-1. Black colour.

Applications:
indoor, in ducts, in the open, underground, if mechanical damage is not expected

Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

Note : [re] Round solid conductor
[rm] Circular stranded conductor
[Sm] Sector shape conductor Packing
Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness of Insulation	Cross section Area of Concentric Shield	Nominal Thickness of Outer Shealth	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
							In Ground	In Air		
sq.mm	mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
3 x 1.5 re/1.5	0.8	1.5	1.8	14.1	260	12	24	18	0.17	1000/D
3 x 1.5 rm/1.5	0.8	1.5	1.8	14.4	271	11	24	18	0.17	1000/D
3 x 2.5 re/2.5	0.8	2.5	1.8	14.9	322	10	32	25	0.29	1000/D
3 x 2.5 rm/2.5	0.8	2.5	1.8	15.5	339	9	32	25	0.29	1000/D
3 x 4 re/4	1.0	4	1.8	16.9	427	10	41	34	0.46	1000/D
3 x 4 rm/4	1.0	4	1.8	17.5	456	9	41	34	0.46	1000/D
3 x 6 re/6	1.0	6	1.8	18.2	535	9	52	44	0.69	1000/D
3 x 6 rm/6	1.0	6	1.8	19.1	568	8	52	44	0.69	1000/D
3 x 10 re/10	1.0	10	1.8	20.9	759	7	69	60	1.15	1000/D
3 x 10 rm/10	1.0	10	1.8	21.3	787	6	69	60	1.15	1000/D
3 x 16 rm/16	1.0	16	1.8	23.2	1068	5	89	80	1.84	1000/D
3 x 25 rm/16	1.2	16	1.8	26.8	1476	5	116	105	2.88	1000/D
3 x 35 rm/16	1.2	16	1.8	29.5	1438	4	138	130	4.03	1000/D
3 x 50 sm/25	1.4	25	1.9	29.7	2216	4	165	160	4.75	1000/D
3 x 70 sm/35	1.4	35	2.0	32.4	2985	4	205	200	8.05	1000/D
3 x 95 sm/50	1.6	50	2.2	36.6	4065	4	245	245	10.93	1000/D
3 x 120 sm/70	1.6	70	2.3	40.2	5073	3	285	285	13.80	1000/D
3 x 150 sm/70	1.8	70	2.4	43.7	6082	3	315	325	17.25	500/D
3 x 185 sm/95	2.0	95	2.6	49.4	7516	3	355	370	21.28	500/D
3 x 240 sm/120	2.2	120	2.8	54.8	9768	3	415	435	27.60	500/D
3 x 300 sm/150	2.4	150	3.0	61.3	12186	3	465	500	34.50	500/D

Cu/PVC/CWS/PVC 0.6/1 kV (NYCY)

Specification :
SNI IEC 60502-1 : 2009

Constructions:

Conductor
Annealed plain copper round solid or round circular stranded according to SNI IEC 60228

Insulation
Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502-1
Colour :
- Yellow Strip Green, Brown, Black and Grey
- Light Blue, Brown, Black And Grey

Inner Covering / filler
Extruded Polyvinyl Chloride (PVC), Black colour

Shield
Annealed copper wire with transverse helix of Annealed copper tape

Outer Sheath
The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST1 to SNI IEC 60502-1. Black colour.

Applications:
indoor, in ducts, in the open, underground, if mechanical damage is not expected

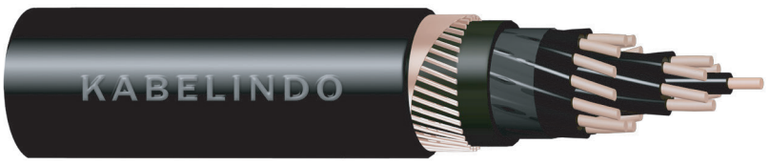
Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

Note : [re] Round solid conductor
[rm] Circular stranded conductor
[Sm] Sector shape conductor

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness of Insulation	Cross section Area of Concentric Shield	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
							In Ground	In Air		
sq.mm	mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
4 x 1.5 re/1.5	0.8	1.5	1.8	14.7	236	12	24	18	0.17	1000/D
4 x 1.5 rm/1.5	0.8	1.5	1.8	15.2	249	11	24	18	0.17	1000/D
4 x 2.5 re/2.5	0.8	2.5	1.8	15.8	303	10	32	25	0.29	1000/D
4 x 2.5 rm/2.5	0.8	2.5	1.8	16.4	324	9	32	25	0.29	1000/D
4 x 4 re/4	1.0	4	1.8	18.1	428	10	41	34	0.46	1000/D
4 x 4 rm/4	1.0	4	1.8	18.9	457	9	41	34	0.46	1000/D
4 x 6 re/6	1.0	6	1.8	19.3	546	9	52	44	0.69	1000/D
4 x 6 rm/6	1.0	6	1.8	20.2	585	8	52	44	0.69	1000/D
4 x 10 re/10	1.0	10	1.8	22.7	789	7	69	60	1.15	1000/D
4 x 10 rm/10	1.0	10	1.8	22.3	817	6	69	60	1.15	1000/D
4 x 16 rm/16	1.0	16	1.8	25.3	1155	5	89	80	1.84	1000/D
4 x 25 rm/16	1.2	16	1.8	29.2	1648	5	116	105	2.88	1000/D
4 x 35 rm/16	1.2	16	1.8	31.8	2095	4	138	130	4.03	1000/D
4 x 50 sm/25	1.4	25	2.0	33.7	2664	4	165	160	5.75	1000/D
4 x 70 sm/35	1.4	35	2.1	40.2	3573	4	205	200	8.05	1000/D
4 x 95 sm/50	1.6	50	2.3	42.6	4880	4	245	245	10.93	1000/D
4 x 120 sm/70	1.6	70	2.4	47.4	6153	3	285	285	13.80	1000/D
4 x 150 sm/70	1.8	70	2.6	50.6	7377	3	315	325	17.25	500/D
4 x 185 sm/95	2.0	95	2.8	57.5	9195	3	355	370	21.28	500/D
4 x 240 sm/120	2.2	120	3.0	63.8	11865	3	415	435	27.60	500/D
4 x 300 sm/150	2.4	150	3.2	71.6	14420	3	465	500	34.50	500/D

Cu/PVC/CWS/PVC 0.6/1 kV (NYCY)



Specification :
SNI IEC 60502-1 : 2009

Constructions:

Conductor
Annealed plain copper round solid or round circular stranded according to SNI IEC 60228

Insulation
Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502-1
Colour :
- Black, with White printed number

Inner Covering / filler
Extruded Polyvinyl Chloride (PVC), Black colour

Shield
Annealed copper wire with transverse helix of Annealed copper tape

Outer Sheath
The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST1 to SNI IEC 60502-1. Black colour.

Applications:
For indoor installation, in power and switching stations. As underground cable, for difficult installation where the low weight is particularly advantageous.

Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

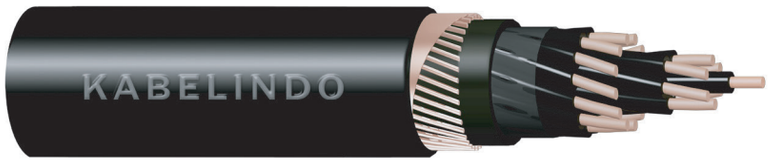
Note : [re] Round solid conductor
[rm] Circular stranded conductor

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness of Insulation	Cross section Area of Concentric Shield	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
							In Ground	In Air		
sq.mm	mm	mm		mm	kg/km	M.Ohm.km	A	A	kA	m
5 x 1.5 re/2.5	0.8	2.5	1.8	16.4	361	12	19	15	0.17	1000/D
5 x 1.5 rm/2.5	0.8	2.5	1.8	16.6	372	11	19	15	0.17	1000/D
7 x 1.5 re/2.5	0.8	2.5	1.8	17	407	12	17	13	0.17	1000/D
7 x 1.5 rm/2.5	0.8	2.5	1.8	17.6	441	11	17	13	0.17	1000/D
8 x 1.5 re/2.5	0.8	2.5	1.8	18	445	12	16	12	0.17	1000/D
8 x 1.5 rm/2.5	0.8	2.5	1.8	18.7	485	11	16	12	0.17	1000/D
10 x 1.5 re/2.5	0.8	2.5	1.8	20.1	542	12	15	11	0.17	1000/D
10 x 1.5 rm/2.5	0.8	2.5	1.8	20.9	592	11	15	11	0.17	1000/D
12 x 1.5 re/2.5	0.8	2.5	1.8	20.6	594	12	14	11	0.17	1000/D
12 x 1.5 rm/2.5	0.8	2.5	1.8	21.5	649	11	14	11	0.17	1000/D
14 x 1.5 re/2.5	0.8	2.5	1.8	21.4	647	12	13	10	0.17	1000/D
14 x 1.5 rm/2.5	0.8	2.5	1.8	22.3	710	11	13	10	0.17	1000/D
16 x 1.5 re/4	0.8	4	1.8	22.7	721	12	12	10	0.17	1000/D
16 x 1.5 rm/4	0.8	4	1.8	23.3	775	11	12	10	0.17	1000/D
19 x 1.5 re/4	0.8	4	1.8	23.2	784	12	12	9	0.17	1000/D
19 x 1.5 rm/4	0.8	4	1.8	24.3	865	11	12	9	0.17	1000/D
21 x 1.5 re/6	0.8	6	1.8	24.2	866	12	11	9	0.17	1000/D
21 x 1.5 rm/6	0.8	6	1.8	25.3	955	11	11	9	0.17	1000/D
24 x 1.5 re/6	0.8	6	1.8	25.8	958	12	11	8	0.17	1000/D
24 x 1.5 rm/6	0.8	6	1.8	27	1058	11	11	8	0.17	1000/D
30 x 1.5 re/6	0.8	6	1.8	27.7	1125	12	11	8	0.17	1000/D
30 x 1.5 rm/6	0.8	6	1.8	29	1247	11	11	8	0.17	1000/D
40 x 1.5 re/10	0.8	10	1.8	30.7	1417	12	11	8	0.17	1000/D
40 x 1.5 rm/10	0.8	10	1.8	32.2	1576	11	11	8	0.17	1000/D
52 x 1.5 re/10	0.8	10	1.9	34.8	1785	12	11	8	0.17	1000/D
52 x 1.5 rm/10	0.8	10	1.9	36.5	1988	11	11	8	0.17	1000/D
61 x 1.5 re/10	0.8	10	2.0	37	2025	12	11	8	0.17	1000/D
61 x 1.5 rm/10	0.8	10	2.0	38.7	2259	11	11	8	0.17	1000/D

Cu/PVC/CWS/PVC 0.6/1 kV (NYCY)

Specification :
SNI IEC 60502-1 : 2009



Constructions:

Conductor
Annealed plain copper round solid or round circular stranded according to SNI IEC 60228

Insulation
Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502-1
Colour :
- Black, with White printed number

Inner Covering / filler
Extruded Polyvinyl Chloride (PVC), Black colour

Shield
Annealed copper wire with transverse helix of Annealed copper tape

Outer Sheath
The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST1 to SNI IEC 60502-1. Black colour.

Applications:
For indoor installation, in power and switching stations. As underground cable, for difficult installation where the low weight is particularly advantageous.

Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

Note : [re] Round solid conductor
[rm] Circular stranded conductor

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness of Insulation	Cross section Area of Concentric Shield	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
							In Ground	In Air		
sq.mm	mm	mm		mm	kg/km	M.Ohm.km	A	A	kA	m
5 x 2.5 re/2.5	0.8	2.5	1.8	17.5	432	10	26	21	0.29	1000/D
5 x 2.5 rm/2.5	0.8	2.5	1.8	17.8	453	9	26	21	0.29	1000/D
7 x 2.5 re/2.5	0.8	2.5	1.8	18.1	514	10	23	18	0.29	1000/D
7 x 2.5 rm/2.5	0.8	2.5	1.8	18.9	564	9	23	18	0.29	1000/D
8 x 2.5 re/2.5	0.8	2.5	1.8	19.3	565	10	21	17	0.29	1000/D
8 x 2.5 rm/2.5	0.8	2.5	1.8	20.2	620	9	21	17	0.29	1000/D
10 x 2.5 re/4	0.8	4	1.8	21.6	672	10	20	16	0.29	1000/D
10 x 2.5 rm/4	0.8	4	1.8	22.7	741	9	20	16	0.29	1000/D
12 x 2.5 re/4	0.8	4	1.8	22.2	743	10	18	15	0.29	1000/D
12 x 2.5 rm/4	0.8	4	1.8	23.3	822	9	18	15	0.29	1000/D
14 x 2.5 re/6	0.8	6	1.8	23.1	818	10	17	14	0.29	1000/D
14 x 2.5 rm/6	0.8	6	1.8	24.3	907	9	17	14	0.29	1000/D
16 x 2.5 re/6	0.8	6	1.8	25.5	914	10	17	13	0.29	1000/D
16 x 2.5 rm/6	0.8	6	1.8	25.4	997	9	17	13	0.29	1000/D
19 x 2.5 re/6	0.8	6	1.8	25.2	1007	10	16	13	0.29	1000/D
19 x 2.5 rm/6	0.8	6	1.8	26.5	1122	9	16	13	0.29	1000/D
21 x 2.5 re/10	0.8	10	1.8	26.4	1153	10	15	12	0.29	1000/D
21 x 2.5 rm/10	0.8	10	1.8	27.8	1281	9	15	12	0.29	1000/D
24 x 2.5 re/10	0.8	10	1.8	28.1	1278	10	14	11	0.29	1000/D
24 x 2.5 rm/10	0.8	10	1.8	29.7	1338	9	14	11	0.29	1000/D
30 x 2.5 re/10	0.8	10	1.8	30.3	1510	10	14	11	0.29	1000/D
30 x 2.5 rm/10	0.8	10	1.8	32	1687	9	14	11	0.29	1000/D
40 x 2.5 re/10	0.8	10	1.8	34.1	1917	10	14	11	0.29	1000/D
40 x 2.5 rm/10	0.8	10	1.8	36.1	2145	9	14	11	0.29	1000/D
52 x 2.5 re/10	0.8	10	1.9	38.4	2402	10	14	11	0.29	1000/D
52 x 2.5 rm/10	0.8	10	1.9	40.7	2694	9	14	11	0.29	1000/D
61 x 2.5 re/10	0.8	10	2.0	40.5	2716	10	14	11	0.29	1000/D
61 x 2.5 rm/10	0.8	10	2.0	43	3053	9	14	11	0.29	1000/D