Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)

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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

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		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
	Insulation	Outer Sheath				In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
2 x 25 rm	1.2	1.8	24.9	1383	5	134	120	2.88	1000/D
2 x 35 rm	1.2	1.8	27.1	1709	4	160	150	4.03	1000/D
2 x 50 rm	1.4	1.9	30.5	2170	4	187	180	5.75	1000/D
2 x 70 rm	1.4	2.0	34.5	2846	4	230	230	8.05	1000/D
2 x 95 rm	1.6	2.1	39.2	3702	4	280	275	10.93	1000/D
2 x 120 rm	1.6	2.2	42.5	4423	3	320	320	13.80	1000/D
2 x 150 rm	1.8	2.3	46.9	5347	3	355	379	17.25	500/D
2 x 185 rm	2.0	2.5	51.8	6501	3	409	430	21.28	500/D
2 x 240 rm	2.2	2.7	58	8231	3	472	510	27.60	500/D
2 x 300 rm	2.4	2.8	64.1	10081	3	525	590	34.50	500/D

Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)

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, Light Blue and Brown
- Brown, Black And Grey

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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

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 conductorPacking

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness		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
	Insulation	Outer Sheath				In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
3 x 16 rm	1.0	1.8	22.6	1010	5	89	80	1.84	1000/D
3 x 25 rm	1.2	1.8	26.2	1695	5	116	105	2.88	1000/D
3 x 35 rm	1.2	1.8	28.6	2084	4	138	130	4.03	1000/D
3 x 50 sm	1.4	1.9	28.1	2403	4	165	160	5.75	1000/D
3 x 70 sm	1.4	2.0	31.3	3112	4	205	200	8.05	1000/D
3 x 95 sm	1.6	2.2	35.6	4151	4	245	245	10.93	1000/D
3 x 120 sm	1.6	2.3	38.4	5041	3	285	285	13.80	1000/D
3 x 150 sm	1.8	2.4	42.2	6121	3	315	325	17.25	500/D
3 x 185 sm	2.0	2.6	46.8	7377	3	355	370	21.28	500/D
3 x 240 sm	2.2	2.8	52.3	9536	3	415	435	27.60	500/D
3 x 300 sm	2.4	3.0	57.4	11717	3	465	500	34.50	500/D

Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)

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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

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 conductorPacking

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness		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
	Insulation	Outer Sheath				In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
4 x 10 re	1.0	1.8	22.2	1073	7	69	80	1.15	1000/D
4 x 10 rm	1.0	1.8	23	1101	6	69	80	1.15	1000/D
4 x 16 rm	1.0	1.8	26	1455	5	89	80	1.84	1000/D
4 x 25 rm	1.2	1.8	30	2093	5	116	105	2.88	1000/D
4 x 35 rm	1.2	1.9	33	2602	4	138	130	4.03	1000/D
4 x 50 sm	1.4	2.0	35	3080	4	165	160	5.75	1000/D
4 x 70 sm	1.4	2.1	38	4093	4	205	200	8.05	1000/D
4 x 95 sm	1.6	2.3	43	5370	4	245	245	10.93	1000/D
4 x 120 sm	1.6	2.4	47	6563	3	285	285	13.80	1000/D
4 x 150 sm	1.8	2.6	51	7938	3	315	325	17.25	500/D
4 x 185 sm	2.0	2.8	56	9756	3	355	370	21.28	500/D
4 x 240 sm	2.2	3.0	62	12409	3	415	435	27.60	500/D
4 x 300 sm	2.4	3.2	68	15104	3	465	500	34.50	300/D

Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)

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, Light Blue, Brown, Black and Grey

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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

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

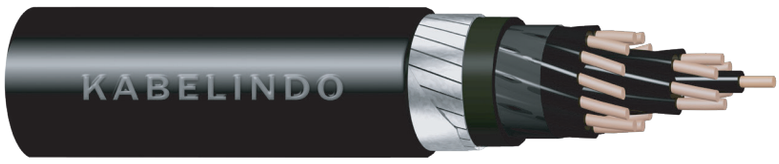
Note : [re] Round solid conductor
[rm] Circular stranded conductor

Packing : [D] Drum

No. of Cores and Cross Section Area	Nominal Thickness		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
	Insulation	Outer Sheath				In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
5 x 10 re	1.0	1.8	23.5	1305	7	69	60	1.15	1000/D
5 x 10 rm	1.0	1.8	24.1	1323	6	69	60	1.15	1000/D
5 x 16 rm	1.0	1.8	26.8	1750	5	89	80	1.84	1000/D
5 x 25 rm	1.2	1.9	31.3	2519	5	116	105	2.88	1000/D
5 x 35 rm	1.2	2.0	34.7	3158	4	138	130	4.03	1000/D
5 x 50 rm	1.4	2.1	39.7	4117	4	165	160	5.75	1000/D

Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)

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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

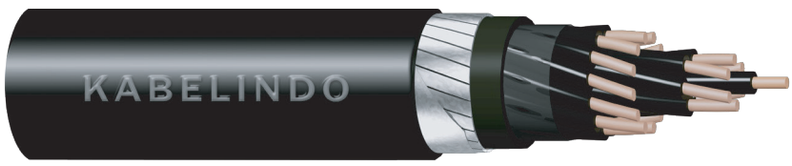
Special Features on Request :
• Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
• UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

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

Packing : [D] Drum

No. of Cores and Cross Section	Nominal Thickness		Overall Diameter	Weight of Cable	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0 second	Standard Delivery Length
	Insulation	Outer Sheath	(approx)	(approx)		In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
7 x 1.5 re	0.8	1.8	18.6	727	12	17	13	0.17	1000/D
7 x 1.5 rm	0.8	1.8	19.2	777	11	17	13	0.17	1000/D
8 x 1.5 re	0.8	1.8	19.7	792	12	16	12	0.17	1000/D
8 x 1.5 rm	0.8	1.8	20.3	848	11	16	12	0.17	1000/D
10 x 1.5 re	0.8	1.8	21.7	929	12	15	11	0.17	1000/D
10 x 1.5 rm	0.8	1.8	22.6	997	11	15	11	0.17	1000/D
12 x 1.5 re	0.8	1.9	23	1117	12	14	11	0.17	1000/D
12 x 1.5 rm	0.8	1.8	23.8	1199	11	14	11	0.17	1000/D
14 x 1.5 re	0.8	1.8	24	1197	12	13	10	0.17	1000/D
14 x 1.5 rm	0.8	1.8	24.7	1287	11	13	10	0.17	1000/D
16 x 1.5 re	0.8	1.8	25	1310	12	12	10	0.17	1000/D
16 x 1.5 rm	0.8	1.9	25.6	1382	11	12	10	0.17	1000/D
19 x 1.5 re	0.8	1.8	26	1391	12	12	9	0.17	1000/D
19 x 1.5 rm	0.8	1.8	26.6	1504	11	12	9	0.17	1000/D
21 x 1.5 re	0.8	1.8	27	1496	12	11	9	0.17	1000/D
21 x 1.5 rm	0.8	1.8	27.7	1611	11	11	9	0.17	1000/D
24 x 1.5 re	0.8	1.9	28.2	1629	12	11	9	0.17	1000/D
24 x 1.5 rm	0.8	1.8	29.3	1766	11	11	8	0.17	1000/D
30 x 1.5 re	0.8	1.8	30	1857	12	11	8	0.17	1000/D
30 x 1.5 rm	0.8	1.8	31.4	2020	11	11	8	0.17	1000/D
40 x 1.5 re	0.8	1.9	33.7	2420	12	11	8	0.17	1000/D
40 x 1.5 rm	0.8	1.9	35.2	2635	11	11	9	0.17	1000/D
52 x 1.5 re	0.8	2.0	37.6	2932	12	11	8	0.17	1000/D
52 x 1.5 rm	0.8	2.0	39.3	3190	11	11	8	0.17	1000/D
61 x 1.5 re	0.8	2.1	39.5	3215	12	11	8	0.17	1000/D
61 x 1.5 rm	0.8	2.1	41.3	3518	11	11	8	0.17	1000/D

Cu/PVC/SFA/PVC 0.6/1 kV (NYFGbY)



Specification :
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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

Armour
A layers of Galvanized flat steel wires 4 x 0.8 mm with a counter helix layer of galvanized steel 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 general purpose power distribution in dry or wet location, best suitable for direct burying in ground.

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		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
	Insulation	Outer Sheath				In Ground	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
7 x 2.5 re	0.8	1.8	19.7	848	10	26	21	0.29	1000/D
7 x 2.5 rm	0.8	1.8	20.6	918	9	26	21	0.29	1000/D
8 x 2.5 re	0.8	1.B	21	928	10	23	18	0.29	1000/D
8 x 2.5 rm	0.8	1.8	21.8	1007	9	23	18	0.29	1000/D
10 x 2.5 re	0.8	1.8	24	1228	10	21	17	0.29	1000/D
10 x 2.5 rm	0.8	1.8	25.2	1332	9	21	17	0.29	1000/D
12 x 2.5 re	0.8	1.8	24.6	1317	10	20	16	0.29	1000/D
12 x 2.5 rm	0.8	1.8	25.7	1431	9	20	16	0.29	1000/D
14 x 2.5 re	0.8	1.8	25.4	1421	10	18	15	0.29	1000/D
14 x 2.5 rm	0.8	1.8	26.7	1548	9	18	15	0.29	1000/D
16 x 2.5 re	0.8	1.8	26.9	1561	10	17	14	0.29	1000/D
16 x 2.5 rm	0.8	1.8	27.7	1671	9	17	14	0.29	1000/D
19 x 2.5 re	0.8	1.8	27.5	1675	10	17	13	0.29	1000/D
19 x 2.5 rm	0.8	1.8	28.9	1833	9	17	13	0.29	1000/D
21 x 2.5 re	0.8	1.8	28.6	1800	10	16	12	0.29	1000/D
21 x 2.5 rm	0.8	1.8	30.2	1973	9	16	12	0.29	1000/D
24 x 2.5 re	0.8	1.8	30.4	1980	10	15	11	0.29	1000/D
24 x 2.5 rm	0.8	1.8	31.9	2173	9	15	11	0.29	1000/D
30 x 2.5 re	0.8	1.9	32.5	2280	10	14	11	0.29	1000/D
30 x 2.5 rm	0.8	1.9	35.5	2823	9	14	11	0.29	1000/D
40 x 2.5 re	0.8	2.0	37.3	3167	10	14	11	0.29	1000/D
40 x 2.5 rm	0.8	2.0	39.5	3389	9	14	11	0.29	1000/D
52 x 2.5 re	0.8	2.1	41.6	3704	10	14	11	0.29	1000/D
52 x 2.5 rm	0.8	2.1	43.2	4002	9	14	11	0.29	1000/D
61 x 2.5 re	0.8	2.2	43.9	4121	10	14	11	0.29	1000/D
61 x 2.5 rm	0.8	2.2	46.3	4970	9	14	11	0.29	1000/D