Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)

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
Two layers of Galvanized steel tape helically applied. Nominal thickness of stee tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

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 (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 6 re	1.0	1.8	16.7	557	9	59	48	0.69	1000/D
2 x 6 rm	1.0	1.8	17.5	587	8	59	48	0.69	1000/D
2 x 10 re	1.0	1.8	19	672	7	78	66	1.15	1000/D
2 x 10 rm	1.0	1.8	19.4	709	6	78	66	1.15	1000/D
2 x 16 rm	1.0	1.8	21.3	894	5	102	90	1.84	1000/D
2 x 25 rm	1.2	1.8	24.8	1248	5	134	120	2.88	1000/D
2 x 35 rm	1.2	1.8	27.2	1555	4	160	150	4.03	1000/D
2 x 50 rm	1.4	1.8	30.3	1952	4	187	180	5.75	1000/D
2 x 70 rm	1.4	1.9	34.5	2600	4	230	230	8.05	1000/D
2 x 95 rm	1.6	2.1	40.4	3745	4	280	275	10.93	1000/D
2 x 120 rm	1.6	2.2	43.8	4476	3	320	320	13.80	1000/D
2 x 150 rm	1.8	2.4	48.4	5418	3	355	379	17.25	500/D
2 x 185 rm	2.0	2.5	53.3	6649	3	409	430	21.28	500/D
2 x 240 rm	2.2	2.7	59.7	8524	3	472	510	27.60	500/D
2 x 300 rm	2.4	2.9	65.8	10229	3	525	590	34.50	500/D

Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)

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
Two layers of Galvanized steel tape helically applied. Nominal thickness of steel tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

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	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 4 re	1.0	1.8	16.4	499	10	41	34	0.46	1000/D
3 x 4 rm	1.0	1.8	17.2	534	9	41	34	0.46	1000/D
3 x 6 re	1.0	1.8	17.5	591	9	52	44	0.69	1000/D
3 x 6 rm	1.0	1.8	18.4	638	8	52	44	0.69	1000/D
3 x 10 re	1.0	1.8	20	807	7	69	60	1.15	1000/D
3 x 10 rm	1.0	1.8	20.4	835	6	69	60	1.15	1000/D
3 x 16 rm	1.0	1.8	22.5	1159	5	89	80	1.84	1000/D
3 x 25 rm	1.2	1.8	26.2	1517	5	116	105	2.88	1000/D
3 x 35 rm	1.2	1.8	28.6	1894	4	138	130	4.03	1000/D
3 x 50 sm	1.4	1.9	30.5	2238	4	165	160	5.75	1000/D
3 x 70 sm	1.4	2.0	33.9	3007	4	205	200	8.05	1000/D
3 x 95 sm	1.6	2.2	38.9	4256	4	245	245	10.93	1000/D
3 x 120 sm	1.6	2.3	41.6	5124	3	285	285	13.80	1000/D
3 x 150 sm	1.8	2.4	45.6	6223	3	315	325	17.25	500/D
3 x 185 sm	2.0	2.6	49.4	7613	3	355	370	21.28	500/D
3 x 240 sm	2.2	2.8	54.8	9623	3	415	435	27.60	500/D
3 x 300 sm	2.4	3.0	59.7	11588	3	465	500	34.50	500/D

Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)

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
Two layers of Galvanized steel tape helically applied. Nominal thickness of steel tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

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	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
4 x 2.5 re	0.8	1.8	16.4	499	10	32	25	0.29	1000/D
4 x 2.5 rm	0.8	1.8	17.2	534	9	32	25	0.29	1000/D
4 x 4 re	1.0	1.8	16.4	499	10	41	34	0.46	1000/D
4 x 4 rm	1.0	1.8	17.2	534	9	41	34	0.46	1000/D
4 x 6 re	1.0	1.8	17.5	591	9	52	44	0.69	1000/D
4 x 6 rm	1.0	1.8	18.4	638	8	52	44	0.69	1000/D
4 x 10 re	1.0	1.8	19	1075	7	69	60	1.15	1000/D
4 x 10 rm	1.0	1.8	19.4	1101	6	69	60	1.15	1000/D
4 x 16 rm	1.0	1.8	21.8	1455	5	89	80	1.84	1000/D
4 x 25 rm	1.2	1.8	25.9	2093	5	116	105	2.88	1000/D
4 x 35 rm	1.2	1.9	28.6	2602	4	138	130	4.03	1000/D
4 x 50 sm	1.4	2.0	30	3080	4	165	160	5.75	1000/D
4 x 70 sm	1.4	2.2	34.1	4093	4	205	200	8.05	1000/D
4 x 95 sm	1.6	2.4	38.7	5370	4	245	245	10.93	1000/D
4 x 120 sm	1.6	2.5	42.6	6563	3	285	285	13.80	1000/D
4 x 150 sm	1.8	2.6	46.3	7938	3	315	325	17.25	500/D
4 x 185 sm	2.0	2.8	52.2	9756	3	355	370	21.28	500/D
4 x 240 sm	2.2	3.0	58.5	12409	3	415	435	27.60	500/D
4 x 300 sm	2.4	3.2	65.4	15104	3	465	500	34.50	500/D

Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)

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
Two layers of Galvanized steel tape helically applied. Nominal thickness of steel tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

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

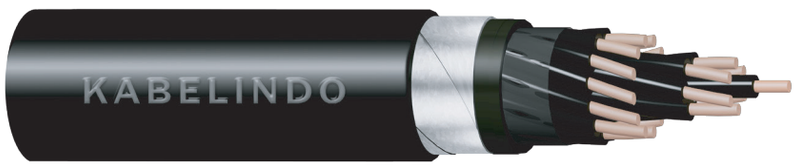
Note : [re] Round solid conductor
[rm] Circular stranded conductor

Packing : [D] Drum

No. of Cores and Cross Section	Nominal Thickness		Overall Diameter (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 4 re	1.0	1.8	18.7	656	10	41	34	0.46	1000/D
5 x 4 rm	1.0	1.8	19.7	704	9	41	34	0.46	1000/D
5 x 6 re	1.0	1.8	20.1	842	9	52	44	0.69	1000/D
5 x 6 rm	1.0	1.8	21.2	857	8	52	44	0.69	1000/D
5 x 10 re	1.0	1.8	23.3	1114	7	69	60	1.15	1000/D
5 x 10 rm	1.0	1.8	23.7	1149	6	69	60	1.15	1000/D
5 x 16 rm	1.0	1.8	26.3	1498	5	89	80	1.84	1000/D
5 x 25 rm	1.2	1.8	31	2365	4	116	105	2.88	1000/D
5 x 35 rm	1.2	2.0	34.6	2803	4	138	130	4.03	1000/D
5 x 50 rm	1.4	2.2	40.4	3909	3	165	160	5.75	1000/D

Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)

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
Two layers of Galvanized steel tape helically applied. Nominal thickness of steel tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

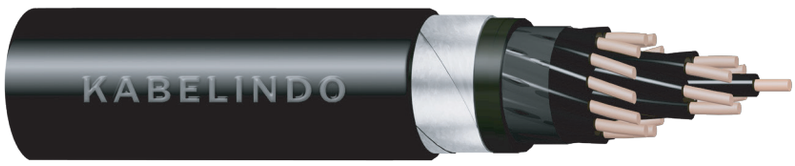
Special Features on Request :
- Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
- UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

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

Packing : [D] Drum

No. of Cores and Cross Section	Nominal Thickness		Overall Diameter (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 1.5 re	0.8	1.8	15.9	458	12	17	13	0.17	1000/D
7 x 1.5 rm	0.8	1.8	16.4	483	11	17	13	0.17	1000/D
8 x 1.5 re	0.8	1.8	16.9	508	12	16	12	0.17	1000/D
8 x 1.5 rm	0.8	1.8	17.5	537	11	16	12	0.17	1000/D
10 x 1.5 re	0.8	1.8	18.8	609	12	15	11	0.17	1000/D
10 x 1.5 rm	0.8	1.8	19.6	642	11	15	11	0.17	1000/D
12 x 1.5 re	0.8	1.8	19.3	657	12	14	11	0.17	1000/D
12 x 1.5 rm	0.8	1.8	20.1	695	11	14	11	0.17	1000/D
14 x 1.5 re	0.8	1.8	20.2	721	12	13	10	0.17	1000/D
14 x 1.5 rm	0.8	1.8	20.9	763	11	13	10	0.17	1000/D
16 x 1.5 re	0.8	1.8	21	785	12	12	10	0.17	1000/D
16 x 1.5 rm	0.8	1.8	21.8	831	11	12	10	0.17	1000/D
19 x 1.5 re	0.8	1.8	22	857	12	12	9	0.17	1000/D
19 x 1.5 rm	0.8	1.8	22.8	907	11	12	9	0.17	1000/D
21 x 1.5 re	0.8	1.8	22.7	924	12	11	9	0.17	1000/D
21 x 1.5 rm	0.8	1.8	23.7	972	11	11	9	0.17	1000/D
24 x 1.5 re	0.8	1.8	242	1027	12	11	8	0.17	1000/D
24 x 1.5 rm	0.8	1.8	25.3	1087	11	11	8	0.17	1000/D
30 x 1.5 re	0.8	1.8	26	1205	12	11	8	0.17	1000/D
30 x 1.5 rm	0.8	1.8	27.2	1277	11	11	8	0.17	1000/D
40 x 1.5 re	0.8	1.9	28.6	1488	12	11	8	0.17	1000/D
40 x 1.5 rm	0.8	1.9	30.1	1577	11	11	8	0.17	1000/D
52 x 1.5 re	0.8	2.0	32.3	1871	12	11	8	0.17	1000/D
52 x 1.5 rm	0.8	2.0	33.9	1882	11	11	8	0.17	1000/D
61 x 1.5 re	0.8	2.0	34	2110	12	11	8	0.17	1000/D
61 x 1.5 rm	0.8	2.0	36.6	2428	11	11	8	0.17	1000/D

Cu/PVC/DSTA/PVC 0.6/1 kV (NYBY)



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
Two layers of Galvanized steel tape helically applied. Nominal thickness of steel tape 0.3 mm or 0.5 mm

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 installation as underground, outdoor, indoor in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

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 2.5 re	0.8	1.8	17	561	10	23	13	0.29	1000/D
7 x 2.5 rm	0.8	1.8	17.8	597	9	23	13	0.29	1000/D
8 x 2.5 re	0.8	1.8	18.1	624	10	21	12	0.29	1000/D
8 x 2.5 rm	0.8	1.8	19	666	9	21	12	0.29	1000/D
10 x 2.5 re	0.8	1.8	20.3	752	10	20	11	0.29	1000/D
10 x 2.5 rm	0.8	1.8	21.4	803	9	20	11	0.29	1000/D
12 x 2.5 re	0.8	1.8	21.8	822	10	18	11	0.29	1000/D
12 x 2.5 rm	0.8	1.8	22	878	9	18	11	0.29	1000/D
14 x 2.5 re	0.8	1.8	21.7	909	10	17	10	0.29	1000/D
14 x 2.5 rm	0.8	1.8	23	971	9	17	10	0.29	1000/D
16 x 2.5 re	0.8	1.8	22.7	996	10	17	10	0.29	1000/D
16 x 2.5 rm	0.8	1.8	24	1063	9	17	10	0.29	1000/D
19 x 2.5 re	0.8	1.8	23.7	1097	10	16	9	0.29	1000/D
19 x 2.5 rm	0.8	1.8	25	1164	9	16	9	0.29	1000/D
21 x 2.5 re	0.8	1.8	24.8	1188	10	15	9	0.29	1000/D
21 x 2.5 rm	0.8	1.8	26.1	1267	9	15	9	0.29	1000/D
24 x 2.5 re	0.8	1.8	26.2	1327	10	14	8	0.29	1000/D
24 x 2.5 rm	0.8	1.8	26.3	1415	9	14	8	0.29	1000/D
30 x 2.5 re	0.8	1.9	27.9	1472	10	14	8	0.29	1000/D
30 x 2.5 rm	0.8	1.9	28.4	1677	9	14	8	0.29	1000/D
40 x 2.5 re	0.8	2.0	31.4	1965	10	14	8	0.29	1000/D
40 x 2.5 rm	0.8	2.0	33.4	2095	9	14	8	0.29	1000/D
52 x 2.5 re	0.8	2.2	36.2	2722	10	14	8	0.29	1000/D
52 x 2.5 rm	0.8	2.2	38.5	2904	9	14	8	0.29	1000/D
61 x 2.5 re	0.8	2.2	39.1	3144	10	14	8	0.29	1000/D
61 x 2.5 rm	0.8	2.2	40.6	3278	9	14	8	0.29	1000/D