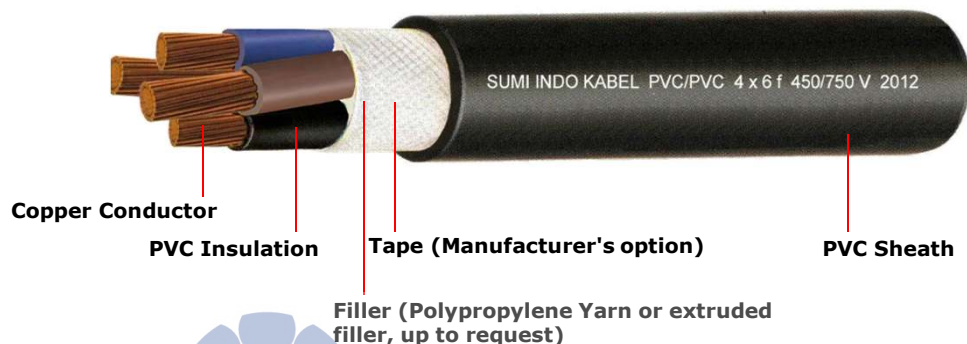


SUMI INDO KABEL

450/750 V PVC INSULATED AND PVC SHEATHED CABLES Cu/PVC/PVC Flexible (NYHY)

Ref : SNI 04-6629.7 : 2006/ IEC 60227-7; SNI 04-6629.3 / IEC 60227-3



CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 5)
Insulation : PVC Compound
Filler : Suitable material
Sheath : PVC Compound
Colour : Insulation : Two core : Brown, Blue
Three core : Brown, Black, Grey
Sheath : Black

TECHNICAL DATA

Voltage : U_0/U - 450/750 V
Operating Temperature : Maximum 70°C

TWO AND THREE CORE

No. of Core	Conductor			Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall Diameter of Cable (approx.)	Weight of Cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross Section Area	Maximum Diameter of Wire	Diameter of Conductor (approx.)					
	mm ²	mm	mm	mm	mm	mm	kg/km	Ω/km
2	1.5	0.26	1.6	0.7	0.8	8.5	85	13.3
	2.5	0.26	2.0	0.8	0.9	10.0	125	7.98
	4	0.31	2.6	0.8	1.1	11.5	175	4.95
	6	0.31	3.5	0.8	1.2	13.5	240	3.30
	10	0.41	4.6	1.0	1.4	17.0	395	1.91
	16	0.41	5.7	1.0	1.5	19.5	550	1.21
	25	0.41	7.1	1.2	1.7	23.5	820	0.780
	35	0.41	8.4	1.2	1.9	26.5	1095	0.554
	50	0.41	10.1	1.4	2.2	31.5	1540	0.386
	70	0.51	12.0	1.4	2.4	35.5	2065	0.272
	95	0.51	13.7	1.6	2.4	40.0	2660	0.206
3	1.5	0.26	1.6	0.7	0.9	9.0	115	13.3
	2.5	0.26	2.0	0.8	1.0	10.5	165	7.98
	4	0.31	2.6	0.8	1.1	12.0	230	4.95
	6	0.31	3.5	0.8	1.2	14.5	320	3.30
	10	0.41	4.6	1.0	1.4	18.0	525	1.91
	16	0.41	5.7	1.0	1.6	21.0	740	1.21
	25	0.41	7.1	1.2	1.8	25.0	1110	0.780
	35	0.41	8.4	1.2	2.0	28.5	1495	0.554
	50	0.41	10.1	1.4	2.3	33.5	2095	0.386
	70	0.51	12.0	1.4	2.4	38.0	2815	0.272
	95	0.51	13.7	1.6	2.4	43.0	3645	0.206
	120	0.51	15.5	1.6	2.4	46.5	4500	0.161

Note : Shape of conductor is flexible stranded class 5

SUMI INDO KABEL

450/750 V PVC INSULATED AND PVC SHEATHED CABLES

Cu/PVC/PVC Flexible (NYYHY)

Ref : SNI 04-6629.7 : 2006/ IEC 60227-7; SNI 04-6629.3 / IEC 60227-3

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 5)

Insulation : PVC Compound

Filler : Suitable material

Sheath : PVC Compound

Colour : Insulation: Four core : Brown, Black, Grey, Blue

Five core : Brown, Black, Grey, Blue, Green / Yellow stripe

Sheath : Black

TECHNICAL DATA

Voltage : U₀/U - 450/750 V

Operating Temperature : Maximum 70°C

FOUR AND FIVE CORE

No. of Core	Conductor			Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall Diameter of Cable (approx.)	Weight of Cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross Section Area	Maximum Diameter of Wire	Diameter of Conductor (approx.)					
	mm ²	mm	mm	mm	mm	mm	kg/km	Ω/km
4	1.5	0.26	1.6	0.7	0.9	10.0	140	13.3
	2.5	0.26	2.0	0.8	1.1	12.0	210	7.98
	4	0.31	2.6	0.8	1.2	13.5	290	4.95
	6	0.31	3.5	0.8	1.3	16.0	410	3.30
	10	0.41	4.6	1.0	1.6	20.5	695	1.91
	16	0.41	5.7	1.0	1.7	23.0	955	1.21
	25	0.41	7.1	1.2	2.0	28.0	1445	0.780
	35	0.41	8.4	1.2	2.2	31.5	1945	0.554
	50	0.41	10.1	1.4	2.4	37.0	2705	0.386
	70	0.51	12.0	1.4	2.4	41.5	3620	0.272
	95	0.51	13.7	1.6	2.4	47.5	4710	0.206
	120	0.51	15.5	1.6	2.4	51.5	5830	0.161
5	1.5	0.26	1.6	0.7	1.0	11.0	175	13.3
	2.5	0.26	2.0	0.8	1.1	13.0	250	7.98
	4	0.31	2.6	0.8	1.3	15.0	360	4.95
	6	0.31	3.5	0.8	1.4	17.5	505	3.30
	10	0.41	4.6	1.0	1.7	22.5	855	1.91
	16	0.41	5.7	1.0	1.9	26.0	1190	1.21
	25	0.41	7.1	1.2	2.2	31.5	1795	0.780
	35	0.41	8.4	1.2	2.4	35.0	2415	0.554
	50	0.41	10.1	1.4	2.4	41.0	3320	0.386

Note : Shape of conductor is flexible stranded class 5

SUMI INDO KABEL

450/750 V PVC INSULATED AND PVC SHEATHED CABLES Cu/PVC/PVC Flexible (NYHY) SNI 04-6629.7 : 2006 / IEC 60227-7

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 5)
Insulation : PVC Compound
Filler : Suitable material
Sheath : PVC Compound
Colour : Insulation : Black with numbering code
Sheath : Black

TECHNICAL DATA

Voltage : U₀/U - 450/750 V
Operating Temperature : Maximum 70°C

No. of Core	Conductor		Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall Diameter of Cable (approx.)	Weight of Cable (approx.)	Maximum Conductor Resistance at 20°C
	Maximum Diameter of Wire (approx.)	Diameter of Conductor (approx.)					
	mm	mm					
CONTROL CABLE 1.5 mm ²							
6	0.26	1.6	0.7	1.1	12.5	205	13.3
7	0.26	1.6	0.7	1.2	12.5	230	13.3
8	0.26	1.6	0.7	1.2	13.5	260	13.3
9	0.26	1.6	0.7	1.3	14.5	295	13.3
10	0.26	1.6	0.7	1.3	16.0	330	13.3
12	0.26	1.6	0.7	1.3	16.5	375	13.3
14	0.26	1.6	0.7	1.4	17.5	435	13.3
15	0.26	1.6	0.7	1.5	18.5	480	13.3
16	0.26	1.6	0.7	1.5	18.5	505	13.3
18	0.26	1.6	0.7	1.5	19.5	555	13.3
19	0.26	1.6	0.7	1.6	20.0	580	13.3
20	0.26	1.6	0.7	1.7	20.5	625	13.3
24	0.26	1.6	0.7	1.8	23.5	750	13.3
30	0.26	1.6	0.7	1.9	25.0	910	13.3
32	0.26	1.6	0.7	2.0	25.5	970	13.3
37	0.26	1.6	0.7	2.0	27.0	1090	13.3
40	0.26	1.6	0.7	2.1	28.5	1185	13.3
50	0.26	1.6	0.7	2.3	31.5	1470	13.3
52	0.26	1.6	0.7	2.3	32.0	1525	13.3
60	0.26	1.6	0.7	2.4	32.5	1720	13.3
61	0.26	1.6	0.7	2.4	34.5	1765	13.3
CONTROL CABLE 2.5 MM ²							
6	0.26	2.0	0.8	1.2	14.5	295	7.98
7	0.26	2.0	0.8	1.3	14.5	330	7.98
8	0.26	2.0	0.8	1.4	16.0	380	7.98
9	0.26	2.0	0.8	1.5	17.5	445	7.98
10	0.26	2.0	0.8	1.5	19.0	490	7.98
12	0.26	2.0	0.8	1.5	19.5	565	7.98
14	0.26	2.0	0.8	1.7	21.0	660	7.98
15	0.26	2.0	0.8	1.7	21.5	700	7.98
16	0.26	2.0	0.8	1.7	22.0	745	7.98
18	0.26	2.0	0.8	1.8	23.5	830	7.98
19	0.26	2.0	0.8	1.8	23.5	855	7.98
20	0.26	2.0	0.8	1.9	24.0	915	7.98
24	0.26	2.0	0.8	2.1	28.0	1110	7.98
30	0.26	2.0	0.8	2.2	29.5	1345	7.98
32	0.26	2.0	0.8	2.3	30.0	1435	7.98
37	0.26	2.0	0.8	2.4	32.0	1630	7.98
40	0.26	2.0	0.8	2.4	33.5	1755	7.98
50	0.26	2.0	0.8	2.4	36.5	2140	7.98
52	0.26	2.0	0.8	2.4	37.5	2220	7.98
60	0.26	2.0	0.8	2.4	37.5	2495	7.98
61	0.26	2.0	0.8	2.4	39.5	2555	7.98

Note : Shape of conductor is flexible stranded class 5