

SUMI INDO KABEL

300/500 V PVC INSULATED AND PVC SHEATHED CABLES

Cu/PVC/PVC Flexible (NYMHY)

SNI 04-6629.5 : 2006 / IEC 60227-5



Special application upon request:

- * Available product in accordance to SPLN or other requirement.
- * Tin coated Copper conductor.
- * Flame retardant test acc to IEC 60332-3 Cat. A, B or C.

CONSTRUCTION

Conductor	: Plain Annealed Copper (to IEC 60228 class 5)
Insulation	: PVC Compound
Sheath	: PVC Compound
Colour	: Insulation : Two core : Brown, Blue Three core : Brown, Black, Grey Four core : Brown, Black, Grey, Blue Five core : Brown, Black, Grey, Blue, Green / Yellow stripe Sheath : White

TECHNICAL DATA

Voltage	: U_0/U - 300/500 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
	Nominal Cross Section Area	Maximum Diameter of Wire	Diameter of Conductor (approx.)					
	mm ²	mm	mm	mm	mm	mm	kg/km	Ω/km
2	0.75	0.21	1.1	0.6	0.8	7.0	65	24.4
	1	0.21	1.3	0.6	0.8	7.5	75	19.5
	1.5	0.26	1.6	0.7	0.8	8.5	100	13.3
	2.5	0.26	2.0	0.8	1.0	10.0	145	7.98
3	0.75	0.21	1.1	0.6	0.8	7.5	75	24.4
	1	0.21	1.3	0.6	0.8	7.5	90	19.5
	1.5	0.26	1.6	0.7	0.9	9.0	125	13.3
	2.5	0.26	2.0	0.8	1.1	10.5	180	7.98
4	0.75	0.21	1.1	0.6	0.8	8.0	90	24.4
	1	0.21	1.3	0.6	0.9	8.5	110	19.5
	1.5	0.26	1.6	0.7	1.0	10.0	150	13.3
	2.5	0.26	2.0	0.8	1.1	11.5	220	7.98
5	0.75	0.21	1.1	0.6	0.9	9.0	115	24.4
	1	0.21	1.3	0.6	0.9	9.5	130	19.5
	1.5	0.26	1.6	0.7	1.1	11.0	185	13.3
	2.5	0.26	2.0	0.8	1.2	13.0	270	7.98

Note : Shape of conductor is flexible stranded class 5