

# CU / PVC /PVC ( NYMHY )

Flexible Copper Conductor PVC Insulated, PVC Sheathed

## BUILDING WIRE 300 / 500 V

### Standard Specification :

SPLN 42-6-2 : 1991  
SNI 04-6629.5-2006

### Application :

Indoor location connection or portable application

### Conductor Shape :

2, 3, 4, 5 x ( 0.75 mm<sup>2</sup> – 2,5 mm<sup>2</sup> )

### Standard Packing :

1.5 - 10 sqmm Coil System  
16 - 400 sqmm Wooden Drum

### Special Feature on Request



● Flexible Copper Conductor

● PVC Insulation

● PVC Sheath

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## Cable Construction

No. of Core	Size	Conductor		Wall Thickness		Approx Overall Diameter	Approx Net Weight
		Construction	No. of Wire	Insulation	Sheath		
	mm <sup>2</sup>			mm	mm	mm	kg / km
2	0.75	f	24	0.6	0.8	6.3	58
2	1	f	32	0.6	0.8	6.6	67
2	1.5	f	30	0.7	0.8	7.6	89
2	2.5	f	50	0.8	1	9.3	137
3	0.75	f	24	0.6	0.8	6.7	68
3	1	f	32	0.6	0.8	7.1	80
3	1.5	f	30	0.7	0.9	8.3	112
3	2.5	f	50	0.8	1.1	11.0	172
4	0.75	f	24	0.6	0.8	7.3	82
4	1	f	32	0.6	0.8	7.9	100
4	1.5	f	30	0.7	1.0	9.3	140
4	2.5	f	50	0.8	1.1	12.0	209
5	0.75	f	24	0.6	0.9	8.2	101
5	1	f	32	0.6	0.9	8.6	118
5	1.5	f	30	0.7	1.1	11.0	165
5	2.5	f	50	0.8	1.2	13.3	254

## Cable Characteristics

No. of Core	Size Conductor	Resistance		Current Carrying Capacity in air at 30° C	Short Circuit Current at 1 sec.	AC Voltage Test
		Conductor at 30° C	Insulation at 70° C			
	mm <sup>2</sup>	Ohm/Km	M. Ohm. Km	Amper	KA	kV / 5 min
2	0.75	26.00	0.011	6.0	0.06	2
2	1	19.50	0.010	10.0	0.13	2
2	1.5	13.30	0.010	15.0	0.19	2
2	2.5	7.98	0.009	20.0	0.32	2
3	0.75	26.00	0.011	6.0	0.06	2
3	1	19.50	0.010	10.0	0.13	2
3	1.5	13.30	0.010	15.0	0.19	2
3	2.5	7.98	0.009	20.0	0.32	2
4	0.75	26.00	0.011	6.0	0.06	2
4	1	19.50	0.010	10.0	0.13	2
4	1.5	13.30	0.010	15.0	0.19	2
4	2.5	7.98	0.009	20.0	0.32	2
5	0.75	26.00	0.011	6.0	0.06	2
5	1	19.50	0.010	10.0	0.13	2
5	1.5	13.30	0.010	15.0	0.19	2
5	2.5	7.98	0.009	20.0	0.32	2