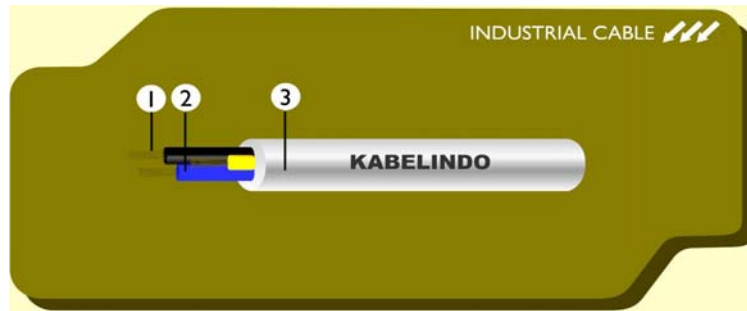


NYMHY 500 V

Copper Conductor, PVC Insulated, PVC Sheathed



- 1. Conductor : Annealed Flexible Copper wire
- 2. Insulation : Extruded PVC
- 3. Sheath : Extruded PVC

PVC LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : SPLN 42 - 6 : 1991,
IEC 60502 - 1 : 1997

APL Used for indoor location, connection or portable appliance

Cu Flexible Copper Wire

DCV DC Test Voltage : 5 kV for 5 minut

DIMENSIONAL DATA

5 CORES

SIZE	No.of wire and Diameter Of wire	Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length per reel
		Insulation	Outer Sheath	Overall Diameter	Net. Weight		
mm ²	pcs / mm	mm	mm	mm	kg/km	mm	m
0.5	16 / 0.20	0.6	0.8	7.8	90	140	Coil @ 100
0.75	24 / 0.20			8.3	116	149	
1	32 / 0.20			8.7	139	157	
1.5	30 / 0.25	0.7	0.9	10.3	194	185	
2.5	50 / 0.25	0.8	1	12.4	291	223	
4	56 / 0.30			14.3	391	257	

ELECTRICAL DATA

SIZE	DC Resistance at 20°C		Current Carrying Capacity at 30°C		Conductor Short Circuit Current Capacity at :			DC Voltage Test
	Conductor (Max)	Insulation (Min)	In Air	In Pipe	0.1 second	0.5 second	1.0 second	
mm ²	Ohm/km	M.ohm.km	A	A	kA	kA	kA	5000 V for 5 minutes
0.5	39.0	40	2	1.8	0.22	0.10	0.07	
0.75	26.0		6	5.5	0.34	0.15	0.11	
1	19.5		10	9.2	0.45	0.20	0.14	
1.5	13.3		15	13.8	0.67	0.30	0.21	
2.5	7.98		20	18.4	1.12	0.50	0.36	
4	4.95		27.5	25.3	1.80	0.80	0.57	