

# CU/PVC/PVC 300/500 V

**NYMHY (White Colored Sheath)**

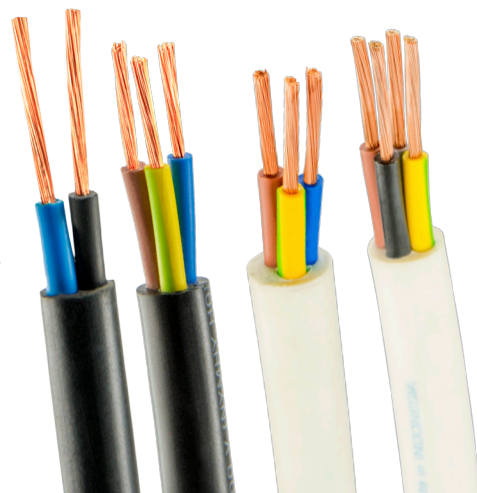
**NYMHY H05VVF (Black Colored Sheath)**

Standard Specification: SNI 04-6629.5 : 2006 (IEC 53)

Flexible Copper Conductor, PVC Insulated, PVC Sheathed

Applications:

- Power cord or internal wiring with low mechanical stress for electrical equipments, machineries, luminaires and other portable appliances use in dry indoor premises (NYMHY - white colored sheath) and outdoor application (NYMHY H05VVF - black colored sheath)
- Permanent exposed wiring in humid environment, installation in tray or under plaster for general purpose 220 - 240 VAC single phase domestical application, inherently flame retardant in compliance with IEC 60332-1.



Cable Size (No. of core x Conductor Area)	Conductor Make-up (No. of wire x Diameter)	DC Resistance at		Current Carrying Capacity in air 30°C	Short Circuit Current 1 Sec.	Insulation/ Sheath Thickness	Overall Diameter	Cable Weight	Standard Packing Length *
		20°C Conductor	70°C Insulation						
<i>nom.</i> (mm <sup>2</sup> )	<i>nom.</i> (mm)	<i>max.</i> (ohm/km)	<i>min.</i> (Mohm.km)	<i>max.</i> (A)	<i>max.</i> (A)	<i>nom.</i> (mm)	<i>approx.</i> (mm)	<i>approx.</i> (kg/km)	(meter/ packing)
2 x 0.75	24 x 0.20	26.0	0.011	6	86	0.6 / 0.8	6.2	57	100/c
2 x 1	32 x 0.20	19.5	0.010	10	115	0.6 / 0.8	6.8	70	100/c
2 x 1.5	30 x 0.25	13.3	0.010	15	173	0.7 / 0.8	7.9	94	100/c
2 x 2.5	50 x 0.25	7.98	0.009	20	288	0.8 / 1.0	9.8	146	100/c
3 x 0.75	24 x 0.20	26.0	0.011	6	86	0.6 / 0.8	6.5	69	100/c
3 x 1	32 x 0.20	19.5	0.010	10	115	0.6 / 0.8	7.2	84	100/c
3 x 1.5	30 x 0.25	13.3	0.010	15	173	0.7 / 0.9	8.6	118	100/c
3 x 2.5	50 x 0.25	7.98	0.009	20	288	0.8 / 1.1	10.6	182	100/c
4 x 0.75	24 x 0.20	26.0	0.011	6	86	0.6 / 0.8	7.1	84	100/c
4 x 1	32 x 0.20	19.5	0.010	10	115	0.6 / 0.9	8.1	107	100/c
4 x 1.5	30 x 0.25	13.3	0.010	15	173	0.7 / 1.0	9.6	149	100/c
4 x 2.5	50 x 0.25	7.98	0.009	20	288	0.8 / 1.1	11.6	225	100/c
5 x 0.75	24 x 0.20	26.0	0.011	6	86	0.6 / 0.9	8.0	105	100/c
5 x 1	32 x 0.20	19.5	0.010	10	115	0.6 / 0.9	8.9	129	100/c
5 x 1.5	30 x 0.25	13.3	0.010	15	173	0.7 / 1.1	10.7	185	100/c
5 x 2.5	50 x 0.25	7.98	0.009	20	288	0.8 / 1.2	12.9	279	1,000/d

Test Voltage : 2,000 VAC/5 minutes, except for insulation thickness less than 0.7 mm (1,500 VAC/5 minutes)

\* c = coil d = drum