

CU/PVC/PVC 450/750 V

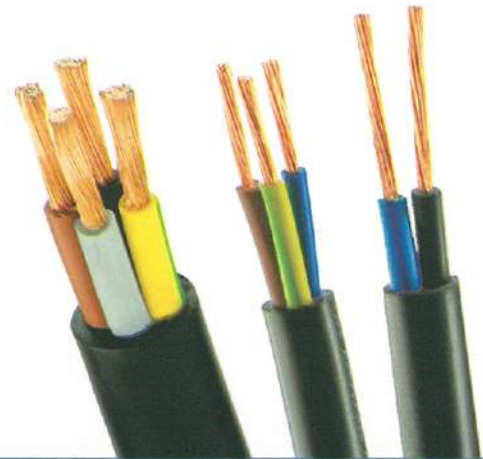
NYHY H07VVF (Black Colored Sheath)

Standard Specification: IEC 60227-6 : 2001 (IEC 71c)

Flexible Copper Conductor, PVC Insulated, PVC Sheathed

Applications:

- Power cord or internal wiring with medium mechanical stress for electrical equipments, machineries, luminaires and other portable appliances in dry indoor premises and outdoor application.
- Permanent exposed wiring in humid environment, installation in tray or under plaster for industrial three phase 380 - 415 VAC or single phase 220 - 240 VAC multipurpose 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						
nom. (mm ²)	nom. (mm)	max. (ohm/km)	min. (Mohm.km)	max. (A)	max. (A)	nom. (mm)	approx. (mm)	approx. (kg/km)	(meter/ packing)
2 x 4	56 x 0.30	4.95	0.007	26	460	0.8 / 1.0	10.5	189	100/c
2 x 6	84 x 0.30	3.30	0.006	33	690	0.8 / 1.0	12.0	256	100/c
2 x 10	80 x 0.40	1.91	0.0056	45	1,150	1.0 / 1.3	15.5	428	1,000/d
2 x 16	126 x 0.40	1.21	0.0046	61	1,840	1.0 / 1.3	17.6	596	1,000/d
2 x 25	196 x 0.40	0.78	0.0044	80	2,875	1.2 / 1.6	21.8	914	1,000/d
3 x 4	56 x 0.30	4.95	0.007	26	460	0.8 / 1.0	11.1	232	100/c
3 x 6	84 x 0.30	3.30	0.006	33	690	0.8 / 1.3	13.4	337	1,000/d
3 x 10	80 x 0.40	1.91	0.0056	45	1,150	1.0 / 1.3	16.4	530	1,000/d
3 x 16	126 x 0.40	1.21	0.0046	61	1,840	1.0 / 1.3	18.8	751	1,000/d
3 x 25	196 x 0.40	0.78	0.0044	80	2,875	1.2 / 1.6	23.2	1,153	1,000/d
4 x 4	56 x 0.30	4.95	0.007	26	460	0.8 / 1.3	12.9	305	1,000/d
4 x 6	84 x 0.30	3.30	0.006	33	690	0.8 / 1.3	14.7	414	1,000/d
4 x 10	80 x 0.40	1.91	0.0056	45	1,150	1.0 / 1.3	18.1	664	1,000/d
4 x 16	126 x 0.40	1.21	0.0046	61	1,840	1.0 / 1.6	21.4	979	1,000/d
4 x 25	196 x 0.40	0.78	0.0044	80	2,875	1.2 / 2.0	26.4	1,509	1,000/d
5 x 4	56 x 0.30	4.95	0.007	20	460	0.8 / 1.3	14.1	373	1,000/d
5 x 6	84 x 0.30	3.30	0.006	25	690	0.8 / 1.3	16.1	509	1,000/d
5 x 10	80 x 0.40	1.91	0.0056	34	1,150	1.0 / 1.6	20.5	843	1,000/d
5 x 16	126 x 0.40	1.21	0.0046	46	1,840	1.0 / 1.6	23.5	1,198	1,000/d
5 x 25	196 x 0.40	0.78	0.0044	61	2,875	1.2 / 2.0	29.0	1,845	1,000/d

Test Voltage : 2,500 VAC/5 minutes

* c = coil d = drum