

CU/PVC/PVC 300/500 V

NYMHY (White Colored Sheath)

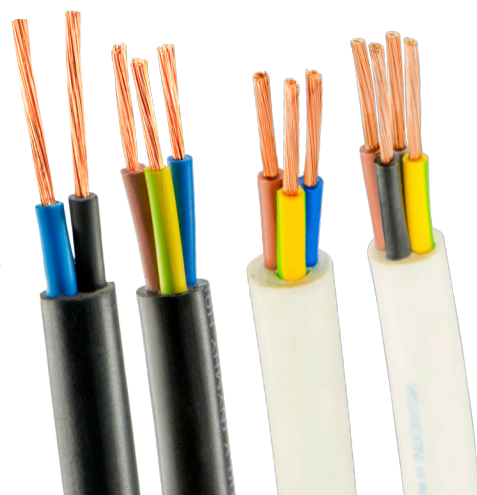
NYMHY H05VVF (Black Colored Sheath)

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 ²) | <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