

## H05VV-F

NYMHY

Flexible cable with insulation and outer sheath of PVC. Rated voltage 300/500 V

### Description

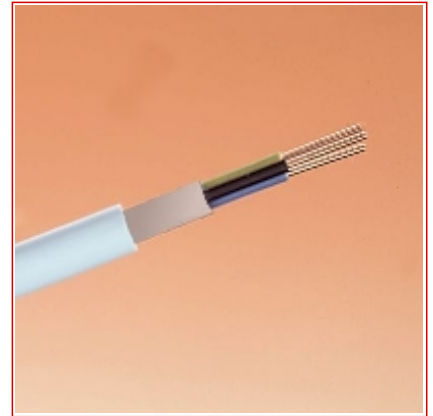
Copper flexible cable suitable for installation in dry or wet places.

### Explanations

1. Flexible copper conductor
2. PVC insulation
3. PVC sheath

### Core Marking

- 2-cores: Brown, Blue  
3-cores: brown, Yellow-green, Blue  
4-cores: Brown, Black, Grey, yellow-green  
5-cores: Brown, Black, Grey, Yellow-green, Blue



### Standards

**International** HD 21.5  
**National** ELOT 563.5

Note: cables with cross-section greater than 4mm<sup>2</sup> are according to NFC 32-206



Conductor flexibility  
Flexible class 5



Cable flexibility  
Flexible



Flame retardant  
Yes

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### Characteristics

Construction characteristics	
Conductor material	Copper
Conductor flexibility	Flexible class 5
Insulation	PVC
Outer sheath	PVC
Sheath colour	White
Electrical characteristics	
Rated Voltage U <sub>0</sub> /U	300 / 500 V
Mechanical characteristics	
Cable flexibility	Flexible
Usage characteristics	
Flame retardant	Yes

### Technical data

Nb. of cores	Cross section [mm <sup>2</sup> ]	Nom. outer diam. [mm]	Approx. weight [kg/km]	Max. DC-resist. conductor 20°C [Ohm/km]	Maximum permissible nominal current [A]
2	0.75	7.2	55	26	13
2	1	7.5	60	19.5	16
2	1.5	8.6	85	13.3	20
2	2.5	10.6	125	7.98	27
2	4	12.1	190	4.95	36
3	0.75	7.6	65	26	13
3	1	8.0	75	19.5	16
3	1.5	9.4	105	13.3	20
3	2.5	11.4	170	7.98	27
3	4	13.1	225	4.95	36
4	0.75	8.3	80	26	13
4	1	9.0	95	19.5	16
4	1.5	10.5	135	13.3	20
4	2.5	12.5	205	7.98	27
4	4	14.3	275	4.95	36
5	0.75	9.3	95	26	9
5	1	9.8	110	19.5	11
5	1.5	11.6	160	13.3	14
5	2.5	13.9	245	7.98	19
5	4	16.1	340	4.95	25