

barryflex man

H05VV-F

Definition

Technical definition: H05VV-F

Voltage rating: 300/500 V



Max. operative temperature:

operating service:60°C

short-circuit (5 s.):150°C



Voltage test: H05VV-F-----2000 V (5 min.)

Constructive description: according to UNE 21031- 5:

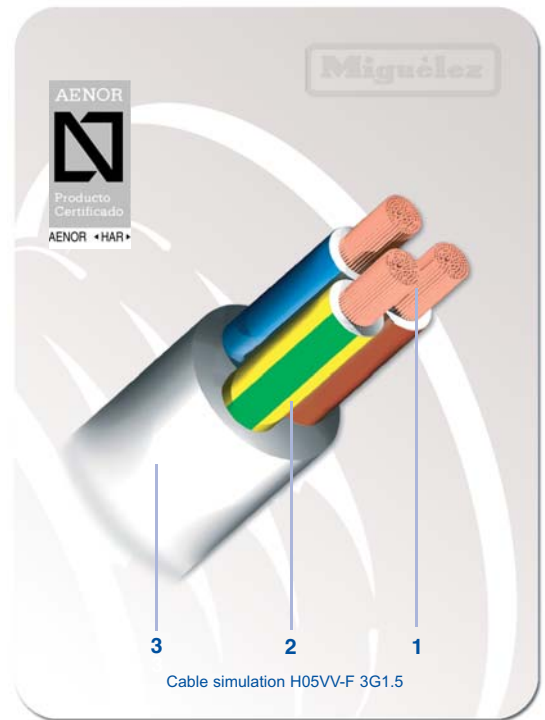
- 1 Flexible electrolytic copper conductor class 5 according to UNE-EN 60228/ EN 60228 /IEC 60228 standard.
- 2 PVC insulation type TI 2 according to UNE 21031-1.
- 3 PVC sheathed type TM2 according to UNE 21031-1. They appear in multipolar core formation of 2 to 5 insulated phases, depending on the installation necessities.



Rank of temperatures of storage, transport and handling:

T. minimum °C: +5 T. maximum °C: +40 (1)

(1) Exposed to the sun, the surface temperature of the cable can exceed the value given, but limited to a maximum of 60°C.



Applications

Type of installation:MOBILE

Ordinary or normal service. Use when risks of mechanical injuries and mechanical efforts are weak and when the risk of mechanical injury is weak, situation which can be found in the use of machines of small and medium dimensions in domestic commercial equipment, and light industry.

Users Guide:

H05VV-F in "specially designed for connecting small home appliances such as vacuum cleaners, washing machines, refrigerators, etc. It is recommended for household installations and can also be used for light mobile services". (UNE 21176)

They can be used for heating and baking appliances whenever there is no risk of contact with hot parts, and are not put under radiations...Do not use permanently outdoors, in industrial or agricultural factories, or for the feeding of portable tools (non domestic).

Functional Characteristics

A) Flexibility:

The use of flexible copper conductor forming a rope yarn of several very fine threads in combination with the isolation equips these cables with exceptional degrees of flexibility.

B) Non flame propagation test:

The composition of the isolation of PVC type TM2, guarantees the non flame propagation according to: UNE-EN 60332-2-1 ; EN 60332-2-1 ; IEC 60332-2-1 standards.

C) Suitable for mobile uses:

Standard UNE 21176 qualify it as can also be used for light mobile services, extra light, ordinary even staying temporarily outdoors.

D) Water resistant:

Use condition AD2 (Probability of rain drops falling vertically) according to UNE 21176 ANEXO C standard.

E) Optimal chemical & oil attack resistance:

Use condition AF3 (under the attack of intermittent/accidental corrosive or polluting substances) according to UNE 21176 ANEXO C standard.





Dimensional characteristics

Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km
H05VV-F					
80284	2x0,75	6,7	0,6	60	26
80285	2x1	7,0	0,6	75	19,5
80286	2x1.5	7,8	0,7	94,3	13,3
80287	2x2.5	9,6	0,8	142,4	7,98
80288	2x4	11,0	0,8	195,2	4,95
81049	3G0.75	7,0	0,6	71,9	26
80292	3G1	7,5	0,6	86,2	19,5
80293	3G1.5	8,8	0,7	118,7	13,3
80294	3G2.5	10,5	0,8	176	7,98
80295	3G4	11,9	0,8	243,6	4,95
81039	4G0,75	7,5	0,6	87,8	26
80310	4G1	8,3	0,6	104	19,5
80311	4G1.5	9,4	0,7	142	13,3
80312	4G2.5	11,3	0,8	213	7,98
80313	4G4	13,1	0,8	301	4,95



Available references of permanent stock and **Integrated Service net**

Presentation

Boxes, packages and standard pallet sizes

Cable type	M. pallet	Nominal section	m./coils
BARRYFLEX MAN H03VV-F	7.200	2x0,75	100
BARRYFLEX MAN H05VV-F	7.200	2x1	100
BARRYFLEX MAN H05VV-F	7.200	2x1,5	100
BARRYFLEX MAN H05VV-F	4.200	2x2,5	100
BARRYFLEX MAN H03VV-F	7.200	3G0,75	100
BARRYFLEX MAN H05VV-F	7.200	3G1	100
BARRYFLEX MAN H05VV-F	4.800	3G1,5	100
BARRYFLEX MAN H05VV-F	3.600	3G2,5	100
BARRYFLEX MAN H03VV-F	7.200	4G0,75	100
BARRYFLEX MAN H05VV-F	6.000/4.200	4G1,5	100
BARRYFLEX MAN H05VV-F	3.600	4G2,5	100
BARRYFLEX MAN H05VV-F	3.000	4G4	100

Colours

