



TOPFLEX VV-F H05VV-F

Flexible cable for connecting small electrical appliances.

EN 50525-2-11 / IEC 60227-5

DESIGN



Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228 and IEC 60228.

E_{ca}

Insulation

Flexible PVC.

The standard identification of insulated conductors is the following:

2x	Brown + Blue
3G	Brown + Blue + Green/yellow
4G	Brown + Black + Grey + Green/yellow
5G	Brown + Black + Grey + Blue + Green/yellow

Outer sheath

Flexible PVC. Standard colours are grey, white and black. Other colours available on request.

APPLICATIONS

Topflex VV-F H05VV-F cable has been 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. These cables are also suitable for fixed applications in furniture, wall partitions, and in hollow spaces of prefabricated building parts.





CHARACTERISTICS



Electrical performance

LOW VOLTAGE 300/500 V



Standard

EN 50525-2-11 / IEC 60227-5



Approvals

CE
SEC
HAR
AENOR
SASO
RoHS



E_{ca}



Thermal performance

Maximum service temperature: 60°C.
Maximum short-circuit temperature: 150°C (max. 5 s).
Minimum service temperature: 5°C.



Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.
Reduced emission of halogens. Chlorine <15%.
Reaction to fire CPR: E_{ca}, according to EN 50575.



Mechanical performance

Minimum bending radius: 3 x cable Ø (Ø cable <12 mm²). 4 x cable Ø (Ø cable >12 mm²).
Impact resistance: AG2 Medium severity.



Chemical performance

Chemical & Oil resistance: Good.



Water performance

Water resistance: AD5 Jets.



Other

Meter by meter marking.



Installation conditions

Open Air.
In conduit.



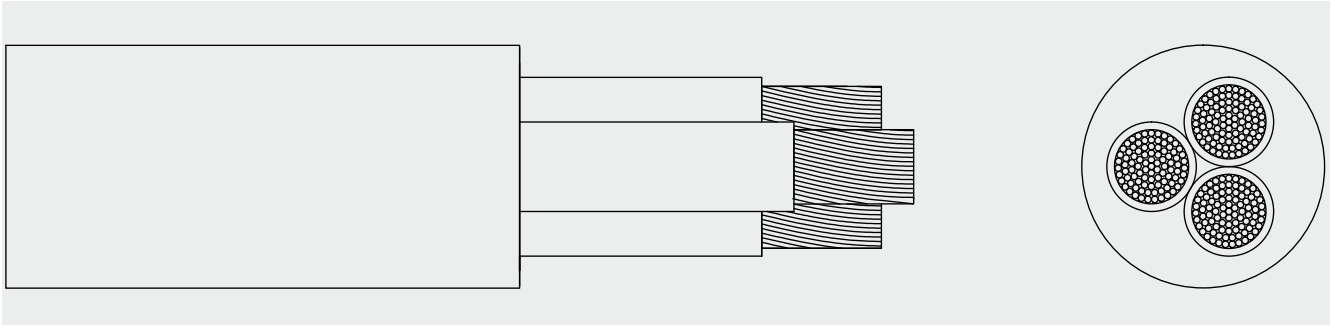
Applications

Mobile use.
Domestic use.
Domestic appliances.
Temporary site installations.



Packaging

Available in rolls (lengths of 50 and 100 m) and drums.



DIMENSIONS

Cross section (mm ²)	Diameter (mm)	Weight (Kg/km)	Open Air 30°C (A)	Buried 20°C (A)	Voltage drop (V/A · km)
2 x 0,75	6,2	52	6	-	60,3
2 x 1	6,3	57	10	-	45,2
2 x 1,5	7,1	77	16	-	30,9
2 x 2,5	9,1	123	25	-	18,5
2 x 4	10,6	174	32	-	11,5
3 G 0,75	6,6	62	6	-	60,3
3 G 1	6,8	71	10	-	45,2
3 G 1,5	8	99	16	-	30,9
3 G 2,5	9,8	153	25	-	18,5
3 G 4	11,2	214	32	-	11,5
4 G 0,75	7	74	6	-	52,2
4 G 1	7,7	90	10	-	39,2
4 G 1,5	8,9	125	16	-	26,7
4 G 2,5	10,8	188	20	-	16
4 G 4	12,3	263	25	-	9,95
5 G 0,75	8	97	6	-	52,2
5 G 1	8,3	108	10	-	39,2
5 G 1,5	10	156	16	-	26,7
5 G 2,5	11,9	239	20	-	16
5 G 4	13,9	331	25	-	9,95



Maximum current capacity according to IEC 60364-5-52.

For other installation conditions, please refer to correction factors in the appendix to this catalogue.

See more technical data on the particular cable specification and on its Declaration of Performance (DoP)

Top Cable reserves the right to carry out any modification to the data sheets whatsoever without giving previous notice.



For more information please contact sales@topcable.com