



SM (CABLES)

Low voltage wiring, flexible and special cables

SM CABLES






STANDARDS

EN50525-2-31
EN60228
EN60227-3
EN50265-2-1
IEC60227-5
IEC60332-1-2









Flex Multicore Round Cable H05VV-F

CONSTRUCTION (Cu/PVC/PVC)

- 1  **Conductor**
Flexible multi-stranded copper (Class 5)
- 2  **TI 2 PVC**
Polyvinyl chloride Type: TI2
- 3  **TM 2**
Polyvinyl chloride Type: TM2

SPECIFICATIONS

-  **70°C** Maximum operating temperature
-  **2KV** AC Test Voltage
-  **160°C** Maximum short circuit temperature
-  **6 x D** Minimum Bending Radius
-  **300/500V** Rated voltage U₀/U
-  Flame propagation test on single cable. Euroclass Eca.

APPLICATIONS

Used in dry and humid areas under low to medium mechanical stress, generally used as a hookup cable for household appliances and electronic equipment.

MARKING

Printed with CIJ in Black or white indelible ink.

SM (CABLES) to BS EN 50525-2-11 05VV-F #X###SQ MM 300/500V Eca CE

TECHNICAL DATA

Product Code	Nominal Cross Section mm ²	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resistance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
H05VV-F 300/500V					
SM05VVF2X0/75	2 x 0.75	6	57	26	13
SM05VVF2X1/00	2 x 1	6.4	65	19.5	16
SM05VVF2X1/50	2 x 1.5	7.4	83	13.3	20
SM05VVF2X2/50	2 x 2.5	9.0	130	7.98	27
SM05VVF2X2/40	2 x 4	11.2	170	4.95	34
SM05VVF3X0/75	3 x 0.75	6.4	70	26	13
SM05VVF3X1/00	3 x 1	7	80	19.5	16
SM05VVF3X1/50	3 x 1.5	8.3	110	13.3	220
SM05VVF3X2/50	3 x 2.5	9.8	160	7.98	27
SM05VVF3X4/00	3 x 4	12.1	252	4.95	34
SM05VVF4X0/75	4 x 0.75	6.9	85	26	13
SM05VVF4X1/00	4 x 1	7.6	100	19.5	16
SM05VVF4X1/50	4 x 1.5	9	131	13.3	20
SM05VVF4X2/50	4 x 2.5	10.7	200	7.98	27
SM05VVF4X4/00	4 x 4	13.3	310	4.95	34

* Other Dimensions Available

Specifications and technical data is provided in good faith and is believed to be correct at the time of publication. Actual products may differ in dimensions due to manufacturing tolerances. The information provided within this document is typical and is intended for guidance only. This specification and data is subject to changes without notice or liability.