



# SM (CABLES)

Low voltage wiring, flexible and special cables



## STANDARDS

BS6004  
EN 60228  
IEC 60332-1-2  
EN 60227-3  
EN 50265-2-1  
IEC 60227-5  
IEC 60332-1-2



## YVV (NYY FLEX)

PVC Insulated, PVC Sheathed Multicore Installation Cable

### CONSTRUCTION (Cu / PVC / PVC / PVC)

- Conductor**  
Solid (Class1) or Stranded (Class 2) Copper
- TI 2 Insulation**  
PVC / C  
Poly Vinyl Chloride
- PVC Filler / Bedding**  
Poly Vinyl Chloride
- TM 1 Outer Sheath**  
PVC/ST4  
Poly Vinyl Chloride

### SPECIFICATIONS



Operating temperature

3.5 KV

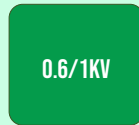
AC Test Voltage



Maximum short circuit temperature

12 X D

Minimum Bending Radius



Rated voltage Uo/U



Flame propagation test on single cable. Euroclass Eca.



## APPLICATIONS

Suitable for use in dry and humid areas under low to medium mechanical stress, generally used for fixed wiring and inside distribution boards, buried under plaster, clipped direct or inside conduits.

## MARKING

Embossed, or printed with CIJ in white or black indelible ink.

SM (CABLES) to YVV #X###SQ MM 300/500V Eca CE

## TECHNICAL DATA

Product Code	Nominal Cross Section mm <sup>2</sup>	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resitance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
<b>YVV (NYY FLEX)</b>					
SMYVV2X1/50	2 x 1.5	8.5	121	12.10	22
SMYVV2X2/50	2 x 2.5	10.0	163	7.41	30
SMYVV2X4/00	2 x 4	11.2	212	4.61	40
SMYVV2X6/00	2 x 6	12.4	270	3.08	51
SMYVV2X10/0	2 x 10	16.4	498	1.83	70
SMYVV2X16/0	2 x 16	18.2	698	1.15	94
SMYVV3X1/50	3 x 1.5	9.0	134	12.10	17
SMYVV3X2/50	3 x 2.5	10.7	194	7.41	23
SMYVV3X4/00	3 x 4	12.1	254	4.61	30
SMYVV3X6/00	3 x 6	13.5	343	3.08	38
SMYVV3X10/0	3 x 10	16.6	605	1.83	52
SMYVV3X16/0	3 x 16	18.7	858	1.15	69
SMYVV4X1/50	4 x 1.5	9.5	168	12.10	17
SMYVV4X2/50	4 x 2.5	11.0	233	7.41	23
SMYVV4X4/00	4 x 4	13.0	333	4.61	30
SMYVV4X6/00	4 x 6	15.0	430	3.08	38
SMYVV4X10/0	4 x 10	17.7	770	1.83	52
SMYVV4X16/0	4 x 16	20.7	1100	1.15	69

\* 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.

LOW VOLTAGE POWER CABLE