



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



(NVV)NYM 05VV-U / 05VV-R

PVC Insulated, PVC Sheathed Multicore Installation Cable

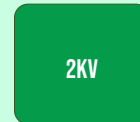
CONSTRUCTION (Cu / PVC / PVC / PVC)

- 1  **Conductor**
Solid (Class 1) or Stranded (Class 2) Copper
- 2  **TI 2 PVC / C**
Poly Vinyl Chloride
- 3  **PVC**
Poly Vinyl Chloride
- 4  **TM 1 PVC/ST4**
Poly Vinyl Chloride

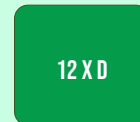
SPECIFICATIONS



Operating temperature



Maximum short circuit temperature



Minimum Bending Radius



Rated voltage U_o/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 60227 IEC 10 #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)
NYM (05VV-U / 05VV-R), 60227 IEC10					
SMNYM2X1/50	2 x 1.5	8.5	121	12.10	22
SMNYM2X2/50	2 x 2.5	10.0	163	7.41	30
SMNYM2X4/00	2 x 4	11.2	212	4.61	40
SMNYM2X6/00	2 x 6	12.4	270	3.08	51
SMNYM2X10/0	2 x 10	16.4	498	1.83	70
SMNYM2X16/0	2 x 16	18.2	698	1.15	94
SMNYM3X1/50	3 x 1.5	9.0	134	12.10	17
SMNYM3X2/50	3 x 2.5	10.7	194	7.41	23
SMNYM3X4/00	3 x 4	12.1	254	4.61	30
SMNYM3X6/00	3 x 6	13.5	343	3.08	38
SMNYM3X10/0	3 x 10	16.6	605	1.83	52
SMNYM3X16/0	3 x 16	18.7	858	1.15	69
SMNYM4X1/50	4 x 1.5	9.5	168	12.10	17
SMNYM4X2/50	4 x 2.5	11.0	233	7.41	23
SMNYM4X4/00	4 x 4	13.0	333	4.61	30
SMNYM4X6/00	4 x 6	15.0	430	3.08	38
SMNYM4X10/0	4 x 10	17.7	770	1.83	52
SMNYM4X16/0	4 x 16	20.7	1100	1.15	69

* Other Dimensions Available / UV Stabilized (SMNYMUV) Variant Also 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