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

CE

YVV (NYY FLEX)

PVC Insulated, PVC Sheathed Multicore Installation Cable

CONSTRUCTION (Cu / PVC / PVC / PVC)

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

SPECIFICATIONS

- +70°C — *Operating temperature*
- 160°C — *Maximum short circuit temperature*
- 0.6/1KV — *Rated voltage Uo/U*
- 3.5 KV — *AC Test Vol*
- 12 X D — *Minimum Bending Radius*
- *Flame propagation test on single cable. Euroclass Eca.*

CPR COMPLIANT
Construction Products Regulation
EN 50575

APPLICATIONS

Suitable for use in dry and humid areas under low to medium mechanical stress, generally used for fixed wiring and inside distribution boards, burried 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^2	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resitance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
YVV (NYY FLEX)					
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 .

LOW VOLTAGE POWER CABLE

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