

**Application:**

Used for industrial and wiring purposes. Useable in the open environments in outdoor and indoor applications, as well as supplying power to electrical units and equipment in different projects.

**Applicable Standards:**

Stranded cables are designed and tested to meet or exceed the requirements of IEC 60502-1 standard. However, can also supply a range of alternative designs to meet customer-specified requirements.

**Specification:****Conductor**

Stranded annealed copper conductor class 2 according to BS EN 60228 and IEC 60228.

**Insulation:**

Solid extruded PVC insulation with rating 70 °C at normal operation according to IEC 60502-1 type PVC/ A.

**Assembly:**

The insulated cores are uniformly twisted together to form the cable core.

**Core colors:**

Standard core color will be as follow:

Two cores: Red and Black

Three cores: Red, Yellow and Blue

Four cores: Red, Yellow, Blue and Black

**Filling:**

Optional Solid extruded filling PVC if customer needed and depend on assembly process.

**Sheath:**

Solid extruded PVC with temperature rating 80 °C at normal operation applied over the laid up assembled cores according to IEC 60502-1 type ST1.

**Flame retardancy:**

Stranded cables 600/1000 V have been tested and approved with the flame performance standards IEC 60332-1-2.

**Packing:**

Available in standard length of 500 or 1000 meters on wooden drum (Other lengths are available upon request).

**Marking:**

Stranded cables 3\*2.5 mm<sup>2</sup> CU/PVC/PVC 600/1000 V IEC60502



# Multicores Stranded Copper Conductor PVC Insulated and PVC Sheathed (NYM) 600-1000 V

## Technical Data:

Number of cores	size	No. x diameter	(ohm/km at 20 °c)	Insulation Thickness	PVC Jacket Thickness	Nominal Outer Diameter	Approx. Net Weight	Current Rating			Ordering Information
No.	(MM2)	No. x MM	(ohm/km at 20C °c)	(MM)	(MM)	(MM)	(Kg/km)	Laid Direct in ground (A)	Laid in Duct (A)	Laid in Free Air (A)	Item Code
2	1.5	7x0.52	12.1	0.8	1.8	11.12	175	33	27	27	PVV1000ST- 2*1.5
3					1.8	11.63	200	29	25	22	PVV1000ST- 3*1.5
4					1.8	12.45	235	29	25	22	PVV1000ST- 4*1.5
2	2.5	7x0.67	7.41	0.8	1.8	12.02	217	41	35	35	PVV1000ST- 2*2.5
3					1.8	12.6	252	37	32	28	PVV1000ST- 3*2.5
4					1.8	13.54	300	37	32	28	PVV1000ST- 4*2.5
2	4	7x0.85	4.61	1	1.8	13.9	306	55	45	49	PVV1000ST- 2*4
3					1.8	14.63	355	49	42	39	PVV1000ST- 3*4
4					1.8	15.81	429	49	42	39	PVV1000ST- 4*4
2	6	7x1.04	3.08	1	1.8	15.04	373	68	56	63	PVV1000ST- 2*6
3					1.8	15.86	447	61	50	49	PVV1000ST- 3*6
4					1.8	17.59	564	65	50	49	PVV1000ST- 4*6