



## **PVC/PVC CONTROL CABLE**

### **TYPE YY**

#### **Application**

For use as a measuring, control and signal cable for the machine tool Industry, plant construction, heating and air conditioning, and as a flexible cable between fixed and mobile equipment.

\* Note: should not be used in any installations where the cable is subjected to repetitive flexing.

#### **Technical Data**

- Generally In accordance with VDE 0250, BS 6500
- Temperature range: flexing -5 Deg C to +70 Deg C
- Stationary -20 Deg C to + 70 Deg C
- Good resistance to oils and gasolines
- Voltage grade 300/500v.
- Test Voltage 3000v.
- Minimum bending radius: 10 x outside Dia.

#### **Cable Structure**

- Plain copper conductors
- Stranded type, fine wire to VDE 0295 class 5. + BS 6360
- PVC insulation T12 to BS 7655
- Cores twisted together (laid-up).
- Black cores with white figure imprint (VDE 0293).
- Earth conductor green-yellow. (no green / yellow in two core)
- PVC outer sheath - Grey. RAL 7001

\* Can be supplied with: LSZH insulation LSZH sheath.



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## FLEXIBLE YY SIZING CHART

<u>CORES &amp; SIZE MM.*</u>	<u>O/A DIA</u>	<u>WEIGHT KG/KM</u>	<u>GLAND SIZE</u>	<u>CORES &amp; SIZE MM.*</u>	<u>O/A DIA</u>	<u>WEIGHT KG/KM</u>	<u>GLAND SIZE</u>
2 X 0.5 *	5.2	40	M16	2 X 1.5 *	7	74	M16
3 X 0.5	5.3	47	M16	3 X 1.5	7	92	M16
4 X 0.5	5.7	56	M16	4 X 1.5	8	117	M16
5 X 0.5	6.6	66	M16	5 X 1.5	9	144	M16
7 X 0.5	7	82	M16	6 X 1.5	9.5	170	M16
12 X 0.5	9.6	135	M16	7 X 1.5	10.6	185	M20
18 X 0.5	11.5	197	M20	8 X 1.5	11.7	220	M20
25 X 0.5	13.5	265	M25	12 X 1.5	13.5	310	M25
2 X 0.75*	5.6	46	M16	18 X 1.5	16	480	M25
3 X 0.75	5.9	56	M16	25 X 1.5	19	660	M32
4 X 0.75	6.7	73	M16	34 X 1.5	22	930	M32
5 X 0.75	7.3	88	M16	42 X 1.5	25.6	1070	M40
7 X 0.75	8	110	M16	50 X 1.5	27	1224	M40
12 X 0.75	11	176	M20	2 X 2.5*	9	123	M16
18 X 0.75	13	268	M25	3 X 2.5	8.8	150	M16
25 X 0.75	14.2	375	M25	4 X 2.5	10	190	M16
34 X 0.75	16.8	470	M25	5 X 2.5	11	243	M20
42 X 0.75	19	590	M32	7 X 2.5	12	310	M20
2 X 1.0*	6.1	55	M16	12 X 2.5	18	535	M25
3 X 1.0	6.4	68	M16	18 X 2.5	21.5	790	M32
4 X 1.0	7	85	M16	25 X 2.5	25.6	1000	M40
5 X 1.0	7.9	105	M16	3 X 4.0	11	230	M20
6 X 1.0	8.5	110	M16	4 X 4.0	12.5	300	M25
7 X 1.0	8.9	133	M16	5 X 4.0	13.7	375	M25
8 X 1.0	10	168	M16	7 X 4.0	15.9	500	M25
10 X 1.0	10.8	180	M20	3 X 6.0	13.3	330	M25
12 X 1.0	11.5	225	M20	4 X 6.0	14	480	M25
18 X 1.0	13.4	315	M25	5 X 6.0	16.6	585	M25
25 X 1.0	17	455	M25	7 X 6.0	18.6	770	M32
34 X 1.0	19.2	600	M32	3 X 10.0	17	610	M25
42 X 1.0	20.8	700	M32	4 X 10.0	17.5	740	M25
50 X 1.0	23.3	843	M32	5 X 10.0	19.05	915	M32
65 X 1.0	26	1300	M40	7 X 10.0	20.6	1106	M32
4 X 16.0	23	1100	M32	5 X 16.0	21.9	1259	
4 X 25.0	26.5	1582	M40	5 X 25.0	29	1997	