



PVC/GSWB/PVC CONTROL CABLE

TYPE SY

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. The cable is well protected against mechanical damage by the narrow weave steel-wire braid

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

Technical Data

- In accordance with VDE 0250 + BS 6500
- Temperature range: flexing -5 Deg C - + 70 Deg C
- Stationary -20 Deg C- + 70 Deg C
- Good resistance to oils and gasoline's
- Voltage grade 300/500V
- Test voltage 3000V
- Minimum bending radius 15 x outside Dia.

Cable structure

- Plain copper conductors
- Flexible 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 bedded.
- Galvanized steel wire braid
- PVC sheathed - Clear.



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FLEXIBLE SY SIZING CHART

CORES & SIZE MM.*	O/A DIA	WEIGHT KG/KM	GLAND SIZE	CORES & SIZE MM.*	O/A DIA	WEIGHT KG/KM	GLANDSIZE
2 X 0.75*	8.4	110	LXT20/16	2 X 2.5*	11.5	215	LXT20S
3 X 0.75	8.5	120	LXT20/16	3 X 2.5	12	250	LXT20
4 X 0.75	9.5	148	LXT20S	4 X 2.5	13.5	318	LXT20
5 X 0.75	10.5	169	LXT20S	5 X 2.5	14.8	370	LXT25
7 X 0.75	11.0	205	LXT20S	7 X 2.5	15.8	460	LXT25
12 X 0.75	14.0	306	LXT25	12 X 2.5	21	745	LXT32
18 X 0.75	16.5	410	LXT25	18 X 2.5	24	1040	LXT32
25 X 0.75	19.5	555	LXT25	25 X 2.5	30	1410	LXT40
34 X 0.75	21.0	681	LXT32	3 X 4.0	14.5	340	LXT25
42 X 0.75	23.0	774	LXT40	4 X 4.0	16.5	455	LXT25
2 X 1.0*	8.8	125	LXT20/16	5 X 4.0	18	542	LXT25
3 X 1.0	9.2	146	LXT20S	7 X 4.0	20	690	LXT25
4 X 1.0	9.8	166	LXT20S	3 X 6.0	17	500	LXT25
5 X 1.0	10.8	200	LXT20S	4 X 6.0	18.5	685	LXT25
7 X 1.0	11.8	237	LXT20	5 X 6.0	20.5	790	LXT25
12 X 1.0	15.2	355	LXT25	7 X 6.0	23	1040	LXT32
18 X 1.0	18.0	505	LXT25	3 X 10.0	18	735	LXT25
25 X 1.0	21.0	650	LXT32	4 X 10.0	23	1000	LXT32
34 X 1.0	24.0	800	LXT32	5 X 10.0	25	1200	LXT32
42 X 1.0	26.0	968	LXT32	7 X 10.0	29	1550	LXT40
50 X 1.0	28.0	1100	LXT40	4 X 16.0	25	1375	LXT32
2 X 1.5*	9.5	160	LXT20S	5 X 16.0.	27	1750	LXT40
3 X 1.5	10.0	185	LXT20S	7 X 16.0	28	2166	LXT40
4 X 1.5	10.5	210	LXT20S	4 X 25.0	34	2000	LXT50S
5 X 1.5	12.0	248	LXT20	5 X 25.0	32	2465	LXT40
7 X 1.5	13.5	310	LXT20	4 X 35.0	37	2550	LXT50S
12 X 1.5	17.2	500	LXT25	5 X 35.0	36.5	3200	LXT50S
18 X 1.5	20.0	655	LXT32	4 X 50.0	43.5	3500	LXT50
25 X 1.5	23.5	910	LXT32	4 X 70.0	52	4800	LXT63