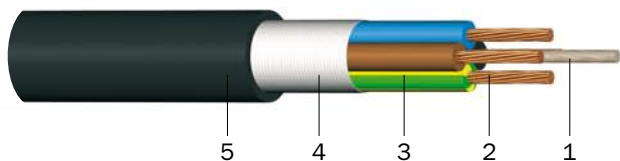


# L-STN

**Control cable with integrated strength member**  
**Standard: similar to DIN VDE 0250**

**Application:**

In dry and wet rooms as well as outdoors as flexible energy and control cable under medium mechanical stress. Intended for the connection of moveable parts of machine tools, hoisting equipment and big machinery.



**Construction:**

- 1 Textile strength member in the center
- 2 Copper conductor, extra fine wire
- 3 Insulation (EPR rubber), cores stranded in layers
- 4 Sheath (Polychloroprene, black), oil resistant

- Rated voltage:** 450/740 V
- Test voltage:** 3000 Veff
- Temperature range:**  
 During installation: min. -25 °C  
 Operating temperature: fixed -40 °C to +70 °C  
 moved -30 °C to +70 °C  
 Conductor temperature: max. +70 °C
- Bending radius (min.):** 10 x Ø of the cable
- Core identification:** colour code resp. black with printed numbers (DIN VDE 0293)
- Flammability:** Self extinguishing (EN 50265-2-1, IEC 60332-1)

Energy cables

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
<b>L-STN</b>						
7 x 1	19.50	13.5	70	230	500 T, 1000 T	5,116.15
12 x 1	19.50	19.5	120	390	500 T, 1000 T	8,703.94
18 x 1	19.50	20.0	180	475	500 T, 1000 T	11,648.94
24 x 1	19.50	22.5	240	650	500 T, 1000 T	14,635.13
30 x 1	19.50	25.0	300	850	500 T, 1000 T	17,391.03
36 x 1	19.50	27.0	360	940	500 T, 1000 T	20,362.47
48 x 1	19.50	30.0	480	1,210	500 T, 1000 T	25,935.12
61 x 1	19.50	34.0	610	1,530	500 T, 1000 T	33,424.85
4 x 1.5	13.30	11.5	60	220	500 T, 1000 T	4,902.80
5 x 1.5	13.30	12.0	75	230	500 T, 1000 T	5,137.50
7 x 1.5	13.30	13.5	105	270	500 T, 1000 T	5,730.62
9 x 1.5	13.30	16.5	135	410	500 T, 1000 T	6,936.35
12 x 1.5	13.30	21.0	180	510	500 T, 1000 T	9,914.48
18 x 1.5	13.30	22.0	270	630	500 T, 1000 T	12,796.87
24 x 1.5	13.30	25.0	360	820	500 T, 1000 T	16,993.95
4 x 2.5	7.98	12.5	100	309	500 T, 1000 T	6,226.35
7 x 2.5	7.98	17.5	175	380	500 T, 1000 T	7,581.97
8 x 2.5	7.98	18.0	200	460	500 T, 1000 T	8,759.60
12 x 2.5	7.98	22.5	300	710	500 T, 1000 T	13,371.66
18 x 2.5	7.98	24.0	450	880	500 T, 1000 T	17,766.78
24 x 2.5	7.98	29.0	600	1,200	500 T, 1000 T	33,572.48

Subject to technical changes. All figures are therefore without guarantee.