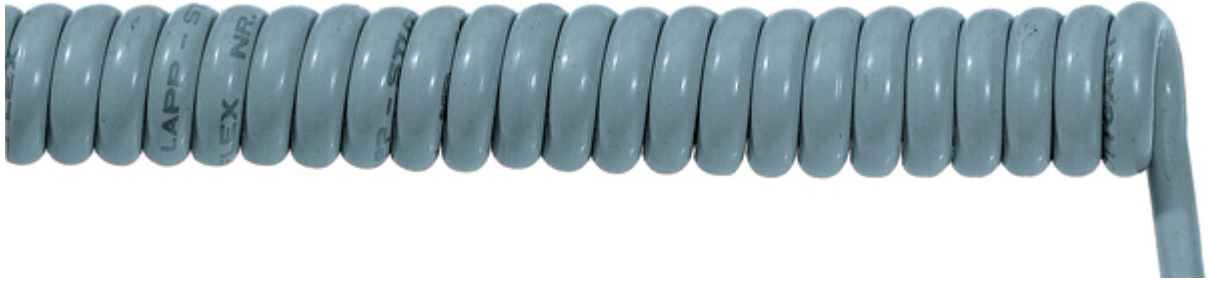


PUR spiral cable with increased chemical resistance

### Product Description

High recoiling forces and extension lengths up to 3 times the unextended spiral length



### Application range

- As control and power cables on machines
- Mechanical engineering
- Apparatus construction

### Benefits

- High recoiling forces and extension lengths up to 3 times the unextended spiral length

### Design

- Fine strands of bare copper wires
- Core insulation: Special PVC P8/1
- Special polyurethane outer sheath
- Length of straight ends:
  - First end: 200 mm long
  - 2nd end: 600 mm long

### Product features

- Resistant against microbes, hydrolysis and almost all mineral oils
- Highly chemical resistant to benzols, benzenes and other agents according to Selection Table T1 in Appendix

## Technical Data

### Core identification code

Black with white numbers acc. to VDE 0293

### Based on

Core: VDE 0812/0281

Sheath: VDE 0250/0282

### Specific insulation resistance

> 20 GOhm x cm

### Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC

60228 Class 5

### Rated voltage

U0/U: 300/500 V

### Test voltage

3000 V

### Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

### Range of temperature

Flexible use: +5°Cup to +50°C

## Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Spiral length extended in mm max.	Spiral length unextended in mm	Cable diameter/ in mm	Spiral outer diameter mm	Copper index kg/km
70002622	2 X 0,75	1500	500	5.4	19.5	64.8
70002623	2 X 0,75	3000	1000	5.4	19.5	123.84
70002624	2 X 0,75	4500	1500	5.4	19.5	170.64
70002625	2 X 0,75	6000	2000	5.4	19.5	234.72
70002628	3 G 0,75	1500	500	5.7	20.0	101.52
70002629	3 G 0,75	3000	1000	5.7	20.0	172.8
70002630	3 G 0,75	4500	1500	5.7	20.0	261.36
70002631	3 G 0,75	6000	2000	5.7	20.0	326.16
70002634	4 G 0,75	1500	500	6.2	21.0	123.84
70002635	4 G 0,75	3000	1000	6.2	21.0	221.76
70002636	4 G 0,75	4500	1500	6.2	21.0	322.56
70002637	4 G 0,75	6000	2000	6.2	21.0	453.6
70002640	5 G 0,75	1500	500	6.7	24.0	154.8
70002641	5 G 0,75	3000	1000	6.7	24.0	306.0
70002642	5 G 0,75	4500	1500	6.7	24.0	439.2
70002643	5 G 0,75	6000	2000	6.7	24.0	594.0
70002726	7 G 0,75	1500	500	7.3	27.0	245.0
70002727	7 G 0,75	3000	1000	7.3	27.0	525.0
70002728	7 G 0,75	4500	1500	7.3	27.0	660.0



70002729	7 G 0,75	6000	2000	7.3	27.0	1025.0
70002731	12 G 0,75	1500	500	9.9	35.0	371.52
70002732	12 G 0,75	3000	1000	9.9	35.0	682.56
70002734	18 G 0,75	1500	500	11.7	40.0	699.84
70002735	18 G 0,75	3000	1000	11.7	40.0	1127.52
70002646	2 X 1	1500	500	5.7	20.0	88.32
70002647	2 X 1	3000	1000	5.7	20.0	161.28
70002648	2 X 1	4500	1500	5.7	20.0	230.4
70002649	2 X 1	6000	2000	5.7	20.0	272.64
70002651	3 G 1	1500	500	6.0	21.0	129.6
70002652	3 G 1	3000	1000	6.0	21.0	244.8
70002653	3 G 1	4500	1500	6.0	21.0	350.5
70002654	3 G 1	6000	2000	6.0	21.0	417.6
70002656	4 G 1	1500	500	6.5	24.0	176.64
70002657	4 G 1	3000	1000	6.5	24.0	322.56
70002658	4 G 1	4500	1500	6.5	24.0	503.04
70002659	4 G 1	6000	2000	6.5	24.0	587.52
70002661	5 G 1	1500	500	7.1	25.0	220.8
70002662	5 G 1	3000	1000	7.1	25.0	408.0
70002663	5 G 1	4500	1500	7.1	25.0	600.0
70002664	5 G 1	6000	2000	7.1	25.0	744.0
70002666	7 G 1	1250	500	8.0	30.0	328.3
70002667	7 G 1	2500	1000	8.0	30.0	562.8
70002668	7 G 1	3750	1500	8.0	30.0	770.5
70002669	7 G 1	5000	2000	8.0	30.0	1175.18
70002670	12 G 1	1500	500	10.5	37.0	598.0
70002671	12 G 1	3000	1000	10.5	37.0	1012.0
70002672	18 G 1	1500	500	12.7	45.0	891.0
70002673	18 G 1	3000	1000	12.7	45.0	1402.5
70002681	2 X 1,5	1500	500	6.3	23.0	142.1
70002682	2 X 1,5	3000	1000	6.3	23.0	266.8
70002683	2 X 1,5	4500	1500	6.3	23.0	379.9
70002684	2 X 1,5	6000	2000	6.3	23.0	493.0
70002687	3 G 1,5	1500	500	6.7	24.0	210.7
70002688	3 G 1,5	3000	1000	6.7	24.0	365.5
70002689	3 G 1,5	4500	1500	6.7	24.0	498.8
70002690	3 G 1,5	6000	2000	6.7	24.0	662.2
70002699	5 G 1,5	1250	500	8.1	30.0	338.4
70002700	5 G 1,5	2500	1000	8.1	30.0	597.6
70002701	5 G 1,5	3750	1500	8.1	30.0	864.0
70002702	5 G 1,5	5000	2000	8.1	30.0	1173.6



70002705	7 G 1,5	1250	500	8.9	31.0	454.5
70002706	7 G 1,5	2500	1000	8.9	31.0	808.0
70002707	7 G 1,5	3750	1500	8.9	31.0	1111.0
70002708	7 G 1,5	5000	2000	8.9	31.0	1504.9
70002709	12 G 1,5	1500	500	12.0	46.0	968.8
70002710	12 G 1,5	3000	1000	12.0	46.0	1660.8
70002711	18 G 1,5	1500	500	13.4	52.0	1261.4
70002712	18 G 1,5	3000	1000	13.4	52.0	2261.0
70002716	3 G 2,5	1250	500	8.1	28.5	338.4
70002717	3 G 2,5	2500	1000	8.1	28.5	640.8
70002718	3 G 2,5	3750	1500	8.1	28.5	885.6
70002719	3 G 2,5	5000	2000	8.1	28.5	1072.8
70002721	5 G 2,5	1250	500	10.0	37.0	624.0
70002722	5 G 2,5	2500	1000	10.0	37.0	1068.0
70002723	5 G 2,5	3750	1500	10.0	37.0	1489.2
70002724	5 G 2,5	5000	2000	10.0	37.0	1980.0

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Photographs are not to scale and do not represent detailed images of the respective products.