

Robust, halogen-free, flame-retardant PUR spiral cable with high restoring forces

## Product Description

Extension lengths of up to 3.5 times the unextended spiral length and especially high recoiling forces; Safety colour: Yellow



## Application range

- Harsh use conditions
- Mechanical engineering
- Construction industry
- Medical equipment
- In damp rooms or outdoors

## Benefits

- Extension lengths of up to 3.5 times the unextended spiral length and especially high recoiling forces
- Safety colour: Yellow

## Design

- Strands of tinned copper wires
- Core insulation: TPE
- Special polyurethane outer sheath
- Length of straight ends:
  - First end: 200 mm long
  - 2nd end: 600 mm long

## Product features

- Halogen free
- Good resistance of the outer sheath to cutting and abrasion



- High resistance to oil, low temperatures, microbes and hydrolysis
- Special, flame-retardant polyurethane sheath compound

**Technical Data**

**Core identification code**

Up to 5 cores: according to VDE 0293-308

(appendix T9)

Starting at 6 cores: Black with white numbers

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire according to VDE 0295 Class 5/ IEC

60228 Class 5

**Rated voltage**

0,75 - 1,0 mm<sup>2</sup>: U0/U: 300/500 V

1,5 - 10,0 mm<sup>2</sup>: U0/U: 450/750 V

**Test voltage**

3000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Flexible use: -30°C up 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
U0/U: 300/500 V						
73220107	2 X 0,75	1000	300	6.6	23.0	46.08
73220108	2 X 0,75	2000	600	6.6	23.0	73.44
73220109	2 X 0,75	3500	1000	6.6	23.0	116.64
73220110	2 X 0,75	5000	1500	6.6	23.0	158.4
73220111	3 G 0,75	1000	300	7.0	24.0	60.48
73220112	3 G 0,75	2000	600	7.0	24.0	103.68
73220113	3 G 0,75	3500	1000	7.0	24.0	159.84
73220114	3 G 0,75	5000	1500	7.0	24.0	220.32
71220115	4 G 0,75	1000	300	7.6	29.0	100.8
71220116	4 G 0,75	2000	600	7.6	29.0	177.12
71220117	4 G 0,75	3500	1000	7.6	29.0	270.72
71220118	4 G 0,75	5000	1500	7.6	29.0	368.64
71220119	5 G 0,75	1000	300	8.5	31.0	118.8



71220120	5 G 0,75	2000	600	8.5	31.0	210.96
71220121	5 G 0,75	3500	1000	8.5	31.0	298.8
71220122	5 G 0,75	5000	1500	8.5	31.0	439.2
73220123	2 X 1	1000	300	7.0	24.0	59.52
73220124	2 X 1	2000	600	7.0	24.0	101.95
73220125	2 X 1	3500	1000	7.0	24.0	156.67
73220126	2 X 1	5000	1500	7.0	24.0	218.88
73220127	3 G 1	1000	300	7.4	29.0	104.4
73220128	3 G 1	2000	600	7.4	29.0	182.7
73220129	3 G 1	3500	1000	7.4	29.0	275.5
73220130	3 G 1	5000	1500	7.4	29.0	391.5
71220131	4 G 1	1000	300	8.2	30.0	135.94
71220132	4 G 1	2000	600	8.2	30.0	222.72
71220133	4 G 1	3500	1000	8.2	30.0	349.44
71220134	4 G 1	5000	1500	8.2	30.0	491.52
71220135	5 G 1	1000	300	9.0	32.0	161.28
71220136	5 G 1	2000	600	9.0	32.0	268.8
71220137	5 G 1	3500	1000	9.0	32.0	419.52
71220138	5 G 1	5000	1500	9.0	32.0	556.8
73220139	7 G 1	1000	350	10.9	40.0	238.0
73220140	7 G 1	2000	700	10.9	40.0	435.2
73220141	7 G 1	3500	1200	10.9	40.0	700.4
73220142	7 G 1	5000	1700	10.9	40.0	918.0
U0/U: 450/750 V						
73220143	2 X 1,5	1000	300	8.4	31.0	100.34
73220144	2 X 1,5	2000	600	8.4	31.0	169.94
73220145	2 X 1,5	3500	1000	8.4	31.0	262.74
73220146	2 X 1,5	5000	1500	8.4	31.0	378.74
73220147	3 G 1,5	1000	300	8.9	32.0	145.34
73220148	3 G 1,5	2000	600	8.9	32.0	232.2
73220149	3 G 1,5	3500	1000	8.9	32.0	365.5
73220150	3 G 1,5	5000	1500	8.9	32.0	516.0
71220151	5 G 1,5	1000	350	10.9	40.0	281.52
71220152	5 G 1,5	2000	700	10.9	40.0	446.4
71220153	5 G 1,5	3500	1200	10.9	40.0	779.04
71220154	5 G 1,5	5000	1700	10.9	40.0	1072.08
73220155	7 G 1,5	1000	350	13.5	52.0	383.8
73220156	7 G 1,5	2000	700	13.5	52.0	676.7
73220157	7 G 1,5	3500	1200	13.5	52.0	1153.42
73220158	7 G 1,5	5000	1700	13.5	52.0	1588.73
73220159	3 G 2,5	1000	350	10.6	40.0	273.6



73220160	3 G 2,5	2000	700	10.6	40.0	460.8
73220161	3 G 2,5	3500	1200	10.6	40.0	770.4
73220162	3 G 2,5	5000	1700	10.6	40.0	1022.4
71220163	5 G 2,5	1000	350	13.4	51.0	498.0
71220164	5 G 2,5	2000	700	13.4	51.0	867.6
71220165	5 G 2,5	3500	1200	13.4	51.0	1380.0
71220166	5 G 2,5	5000	1700	13.4	51.0	1884.0

**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.