

Spiral cable with outer PUR sheath and over-all shielding for exact impulse transmission

### Product Description

Overall screening prevents high frequency interference and guarantees accurate pulse transmission; Extended lengths of up to 4 times the unextended spiral length



### Application range

- In measurement and controlling engineering
- Used wherever screened cables with smallest dimensions are required

### Benefits

- Overall screening prevents high frequency interference and guarantees accurate pulse transmission
- Extended lengths of up to 4 times the unextended spiral length

### Design

- Strands of bare copper wires
- Core insulation: Based on PVC
- Screening by copper wrapping
- Outer sheath: Polyurethane (PUR) compound
- Length of straight ends:
  - First end: 200 mm long
  - 2nd end: 600 mm long

### Product features

- Abrasion and cut resistant
- Very high flexibility

## Technical Data

### Core identification code

DIN 47100

### Peak working voltage

250 V (not for power applications)

### Specific insulation resistance

> 10 GOhm x cm

### Conductor stranding

Extra fine wire according to VDE 0295 Class 6 / IEC 60228  
Class 6

### Test voltage

1200 V

### Range of temperature

Flexible use: -5°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
73220200	2 x 0,14	400	100	4.0	15.0	16.51
73220201	2 x 0,14	800	200	4.0	15.0	23.81
73220202	2 x 0,14	1200	300	4.0	15.0	29.76
73220203	2 x 0,14	1600	400	4.0	15.0	36.96
73220204	2 x 0,14	2000	500	4.0	15.0	48.0
73220205	3 x 0,14	400	100	4.2	18.0	21.01
73220206	3 x 0,14	800	200	4.2	18.0	30.8
73220207	3 x 0,14	1200	300	4.2	18.0	43.56
73220208	3 x 0,14	1600	400	4.2	18.0	54.89
73220209	3 x 0,14	2000	500	4.2	18.0	63.8
73220210	4 x 0,14	400	100	4.4	19.0	23.4
73220211	4 x 0,14	800	200	4.4	19.0	33.6
73220212	4 x 0,14	1200	300	4.4	19.0	45.84
73220213	4 x 0,14	1600	400	4.4	19.0	58.68
73220214	4 x 0,14	2000	500	4.4	19.0	67.2
73220215	5 x 0,14	400	100	5.1	20.0	24.48
73220216	5 x 0,14	800	200	5.1	20.0	38.16
73220217	5 x 0,14	1200	300	5.1	20.0	50.4
73220218	5 x 0,14	1600	400	5.1	20.0	60.48
73220219	5 x 0,14	2000	500	5.1	20.0	72.0
73220220	6 x 0,14	400	100	5.4	21.0	31.15
73220221	6 x 0,14	800	200	5.4	21.0	44.88

73220222	6 x 0,14	1200	300	5.4	21.0	56.32
73220223	6 x 0,14	1600	400	5.4	21.0	77.97
73220224	6 x 0,14	2000	500	5.4	21.0	73.92
73220230	12 x 0,14	400	100	7.0	27.0	56.44
73220231	12 x 0,14	800	200	7.0	27.0	95.28
73220232	12 x 0,14	1200	300	7.0	27.0	118.19
73220233	12 x 0,14	1600	400	7.0	27.0	161.02
73220234	12 x 0,14	2000	500	7.0	27.0	179.28
73220235	18 x 0,14	400	100	7.8	29.0	75.14
73220236	18 x 0,14	800	200	7.8	29.0	110.5
73220237	18 x 0,14	1200	300	7.8	29.0	150.28
73220238	18 x 0,14	1600	400	7.8	29.0	198.9
73220239	18 x 0,14	2000	500	7.8	29.0	221.0

**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

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