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, high recoiling forces;Safety colour: yellow



CE RoHS

Application range

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

Benefits

- Extension lengths of up to 3.5 times the unextended spiral length, high recoiling forces
- Safety colour: yellow

Design

- Strands of tinned-copper wires
- Core insulation: TPE
- Outer sheath made of special polyurethane
- Length of straight ends: 1st end = 200 mm, 2nd end = 600 mm
- Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

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: colour-coded according to VDE 0293-308, refer to Appendix T9
From 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
Nominal voltage
0.75 - 1 mm²: U0/U: 300/500 Vac
As from 1.5 mm²: U0/U = 450/750 Vac

Test voltage
3000 V
Protective conductor
G = with GN-YE protective conductor
X = without protective conductor
Temperature range
Flexible use: -30°C to +50°C

Article List

Part number	Number of cores and mm² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (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: 300/500 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:

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.

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

Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request