ÖLFLEX® SPIRAL 540 P

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

Info

- **High restoring forces**
- **Halogen-free**

Benefits

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

Application range

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

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

Product make-up

- 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

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 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/1.000 pieces
U_0/U: 300/500 V						
73220107	2 X 0.75	1,000	300	6.6	23.0	46.0
73220108	2 X 0.75	2,000	600	6.6	23.0	73.4
73220109	2 X 0.75	3,500	1,000	6.6	23.0	116.6
73220110	2 X 0.75	5,000	1,500	6.6	23.0	158.4
73220111	3 G 0.75	1,000	300	7.0	24.0	60.4
73220112	3 G 0.75	2,000	600	7.0	24.0	103.6
73220113	3 G 0.75	3,500	1,000	7.0	24.0	159.8
73220114	3 G 0.75	5,000	1,500	7.0	24.0	220.3
71220115	4 G 0.75	1,000	300	7.6	29.0	100.8
71220116	4 G 0.75	2,000	600	7.6	29.0	177.1
71220117	4 G 0.75	3,500	1,000	7.6	29.0	270.7
71220118	4 G 0.75	5,000	1,500	7.6	29.0	368.6
71220119	5 G 0.75	1,000	300	8.5	31.0	118.8
71220120	5 G 0.75	2,000	600	8.5	31.0	210.9
71220121	5 G 0.75	3,500	1,000	8.5	31.0	298.8
71220122	5 G 0.75	5,000	1,500	8.5	31.0	439.2
73220123	2 X 1	1,000	300	7.0	24.0	59.5
73220124	2 X 1	2,000	600	7.0	24.0	101.9
73220125	2 X 1	3,500	1,000	7.0	24.0	156.6
73220126	2 X 1	5,000	1,500	7.0	24.0	218.8
73220127	3 G 1	1,000	300	7.4	29.0	104.4
73220128	3 G 1	2,000	600	7.4	29.0	182.7
73220129	3 G 1	3,500	1,000	7.4	29.0	275.5
73220130	3 G 1	5,000	1,500	7.4	29.0	391.5
71220131	4 G 1	1,000	300	8.2	30.0	135.9
71220132	4 G 1	2,000	600	8.2	30.0	222.7
71220133	4 G 1	3,500	1,000	8.2	30.0	349.4
71220134	4 G 1	5,000	1,500	8.2	30.0	491.5
71220135	5 G 1	1,000	300	9.0	32.0	161.2
71220136	5 G 1	2,000	600	9.0	32.0	268.8
71220137	5 G 1	3,500	1,000	9.0	32.0	419.5
71220138	5 G 1	5,000	1,500	9.0	32.0	556.8
73220139	7 G 1	1,000	350	10.9	40.0	238.0
73220140	7 G 1	2,000	700	10.9	40.0	435.2
73220141	7 G 1	3,500	1,200	10.9	40.0	700.4
73220142	7 G 1	5,000	1,700	10.9	40.0	918.0
U_0/U: 450/750 V						
73220143	2 X 1.5	1,000	300	8.4	31.0	100.3
73220144	2 X 1.5	2,000	600	8.4	31.0	169.9
73220145	2 X 1.5	3,500	1,000	8.4	31.0	262.7
73220146	2 X 1.5	5,000	1,500	8.4	31.0	378.7
73220147	3 G 1.5	1,000	300	8.9	32.0	145.3
73220148	3 G 1.5	2,000	600	8.9	32.0	232.2
73220149	3 G 1.5	3,500	1,000	8.9	32.0	365.5
73220150	3 G 1.5	5,000	1,500	8.9	32.0	516.0
71220151	5 G 1.5	1,000	350	10.9	40.0	281.5
71220152	5 G 1.5	2,000	700	10.9	40.0	446.4
71220153	5 G 1.5	3,500	1,200	10.9	40.0	779.0
71220154	5 G 1.5	5,000	1,700	10.9	40.0	1,072.0
73220155	7 G 1.5	1,000	350	13.5	52.0	383.8
73220156	7 G 1.5	2,000	700	13.5	52.0	676.7