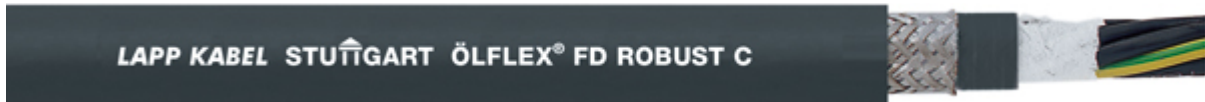


Screened, TPE -insulated, numbered, TPE-inner- and outer sheath

Product Description

Well-proven, reliable; Wide range use; All-weather control cable; EMC compliant; For indoor and outdoor use



Application range

- Machine tool manufacture, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works
- Especially in wet areas of machine tools and transfer lines subject to average mechanical stress
- Food and beverage industry, especially for production and processing equipment of milk and meat products
- In environments where exposed to oils, fats, waxes (vegetable or animal based or synthetic) or their emulsions
- Assembly lines, production lines, in all kinds of machines

Benefits

- Well-proven, reliable
- Wide range use
- All-weather control cable
- EMC compliant
- For indoor and outdoor use

Design

- Superfine wire, tinned copper strands
- Core insulation: TPE
- Cores twisted together in extremely short lay lengths
- Nonwoven wrapping
- Inner sheath: TPE
- tinned copper braid
- Robust outer sheath made of special halogen-free TPE, black (RAL 9005)

Approvals (Norm references)

- For travel distances up to 100 m (horizontal)
- Usage in Power Chains: Please comply with the assembly guidelines Appendix T3



Product features

- Hydrolysis resistant against warm and hot water
- Low adhesive surface
- Largely resistant to oil and chemicals
- In dry, damp or wet interiors under medium mechanical load conditions
- Designed for up to 5 million bending change cycles in the power chain

Technical Data

Core identification code

Black cores with printed white numbers (VDE 0293)

Based on

VDE 0250/0281/0282

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Extra fine wire in acc. to VDE 0295 Cl.6 / IEC 60228 Cl.6

Minimum bending radius

For flexible applications: 7.5 x cable diameter (at temperatures < 70 °C) 10 x cable diameter (at temperatures max. 105°C)

Rated voltage

300/500 V

Test voltage

3000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Flexing: -40 °C to +105 °C Fixed installation: -50°C to +105°C

Briefly up to +120°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
0026701	3 G 0,75	9.1	49.6	110
0026702	4 G 0,75	10.1	60.9	137
0026703	5 G 0,75	10.8	72.8	160
0026704	7 G 0,75	12.6	107.2	238
0026705	12 G 0,75	15.0	151.5	312
0026706	18 G 0,75	17.7	205.5	448
0026707	25 G 0,75	21.7	299.1	657
0026709	3 G 1,0	9.8	61.1	125
0026716	7 G 1,0	13.9	132.3	278



0026717	12 G 1,0	16.1	189.1	370
0026721	3 G 1,5	10.9	79.8	163
0026722	4 G 1,5	12.1	99.2	210
0026723	5 G 1,5	13.6	129.7	264
0026724	7 G 1,5	15.8	175.2	370
0026725	12 G 1,5	18.4	257.1	498
0026726	18 G 1,5	22.1	378.9	749
0026727	25 G 1,5	27.1	555.5	1042
0026731	4 G 2,5	14.4	161.5	307
0026732	5 G 2,5	15.5	188.3	361
0026733	7 G 2,5	18.3	252.6	512
0026734	12 G 2,5	21.9	406.5	730
0026741	4 G 4	16.2	227.3	412
0026751	4 G 6	17.2	306.7	519
0026761	4 G 10	23.3	513.6	853
0026771	4 G 16	27.2	809.6	1273

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

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil \leq 30 kg and \leq 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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