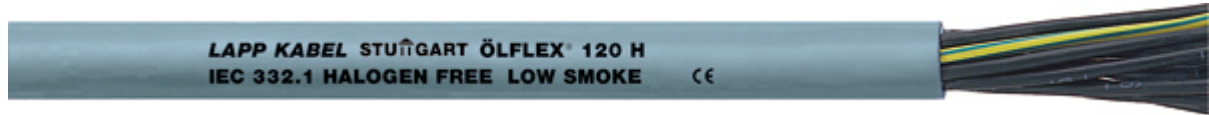


### Product Description



### Application range

- Public buildings
- Airport, railway station
- Plant engineering and construction Industrial machinery Air conditioning installations
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards

### Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free
- Special blended halogen-free outer sheath grey (RAL 7001)

### Product features

- Flame retardant according to IEC 60332-1-2 (flame spread on single cable)
- Halogen-free according to IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
- Flexible down to -25°C



Technical Data

**Core identification code**

Black with white numbers acc. to VDE 0293

**Based on**

HD 21.13 S1

VDE 0281 Part 13

**Specific insulation resistance**

> 10 GOhm x cm

**Conductor stranding**

Fine wire in accordance to VDE 0295 Class 5 / IEC

60228 Class 5

**Minimum bending radius**

Occasional flexing: 15 x cable diameter

Fixed installation: 4 x cable diameter

**Rated voltage**

U0/U: 300/500 V

**Test voltage**

4000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Occasional flexing: -25°C up to +70°C

Fixed installation: -40°C up to +70°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 120 H U0/U: 300/500 V				
1021902	2 X 1,5	6,3	29.0	63
1021303	3 G 1,5	6,7	43.0	79
1021304	4 G 1,5	7,2	58.0	98
1021305	5 G 1,5	8,1	72.0	120
1021307	7 G 1,5	8,9	101.0	158
1021312	12 G 1,5	12.0	173.0	265
1021318	18 G 1,5	14,4	259.0	388
1021325	25 G 1,5	16,9	360.0	535
1021403	3 G 2,5	8,1	72.0	124
1021404	4 G 2,5	8,9	96.0	154
1021405	5 G 2,5	10.0	120.0	189
1021407	7 G 2,5	11,1	168.0	254
1021412	12 G 2,5	14,8	288.0	425
1021504	4 G 4	10,8	154.0	236
1021604	4 G 6	13.0	230.0	350

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](http://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.