

ÖLFLEX® 120 H



Info

- **Amendment: out-phased product!**
<Trimmed size range>
- **Further sizes see alternative option**
ÖLFLEX® CLASSIC 110 H



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

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

Approvals (Norm references)



Design

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

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

Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
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

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 ≤ 30 kg and ≤ 250 m, otherwise drum
Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Comparable products

- ÖLFLEX® CLASSIC 110 H see page 51
- ÖLFLEX® CLASSIC 130 H see page 55
- ÖLFLEX® CLASSIC 130 H BK 0,6/1kV see page 57

Accessories

- SKINTOP® ST-HF-M see page 644