

Cold flexible PVC cables with external steel supporting elements

Product Description

Two steel supporting elements which are oppositely integrated into the outer sheath absorbing the occurring tensile forces during operation; The tensile strength of 2100 N per supporting element allows free-hanging installations up to 150 meter



Application range

- For connecting of movable control panels rep. consoles
- As self supporting shaft cable
- In high rack systems
- Suitable for outdoor applications
- Not applicable as lift cable!

Benefits

- Two steel supporting elements which are oppositely integrated into the outer sheath absorbing the occurring tensile forces during operation
- The tensile strength of 2100 N per supporting element allows free-hanging installations up to 150 meter

Design

- Strands of bare copper wires
- Special PVC based core insulation
- Special textile wrapping to improve sliding movement between the sheath and cores
- Special PVC based outer sheath
- Oppositely integrated steel supporting elements

Product features

- Flame retardant according to IEC 60332-1-2
- Cold flexible



Technical Data

Core identification code

Black with white numbers acc. to VDE 0293

Based on

VDE 0250

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Extra fine wire according to VDE 0295 Class 6 / IEC 60228 Class 6

Minimum bending radius

Flexible use: 20 x outer diameter

Rated voltage

U0/U: 300/500 V

Test voltage

3000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Flexible use: -15°C up to +70°C

Article List

Part number	Number of cores and mm ² per conductor	Cable Ø in mm	Distance between strain wires in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CRANE 2S					
0027503	8 G 1,5	14.7	20	115.0	372.5
0027504	12 G 1,5	16.2	21	173.0	439
0027505	20 G 1,5	20.1	25	288.0	674

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 ≤ 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)

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