



## Weather-resistant flat rubber cables with copper screening

Weather-resistant for harsh environmental conditions; Flat cables need less space than round cables; Smaller bending radii is possible; Copper braiding screens the cable against electromagnetic interference

- For outdoor cable trolley application
- EMC-compliant



## Product description

### Application range

- In crane systems on building sites and shipyards for fixed installation, or for flexible use in cable trolley systems
- Sewage treatment plants, steelworks and high rack facilities
- The application profiles for ÖLFLEX® CRANE and ÖLFLEX(R) LIFT cables can be found in the appendix, selection table A3

### Benefits

- Weather-resistant for harsh environmental conditions
- Flat cables need less space than round cables
- Smaller bending radii is possible
- Copper braiding screens the cable against

electromagnetic interference

## Product Make-up

- Strands of bare or tinned-copper wires
- Core insulation: rubber compound
- Individual core screening consist of
  - plastic foil wrapping
  - tin-plated copper braiding
  - plastic foil wrapping
- Outer sheath: special rubber compound

## Norm references / Approvals

- Based on VDE 0250 (NGFLGÖU)

## Product features

- Flame-retardant according IEC 60332-1-2

## 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
Classification	ETIM 5.0 Class-ID: EC000825 ETIM 5.0 Class-Description: Flat cable
Conductor stranding	Copper conductor according to VDE 0295/IEC 60228 up to 25 mm <sup>2</sup> : extra-fine wire, class 6 from 35 mm <sup>2</sup> : fine wire, class 5
Minimum bending radius	Flexible use: 10 x cable thickness
Nominal voltage	U <sub>0</sub> /U: 300/500 V
Test voltage	2000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexible use: -25°C to +90°C