

LgY-UV

flexible, single core, UV resistant, meter marking



Technical data

- PVC single core cable adapted to EN 50525-2-31/PN-EN 50525-2-31
- **Temperature range**
flexing -5°C to +70°C
fixed installation -30°C to +80°C
- **Nominal voltage**
U₀/U 450/750 V
- **Test voltage**
2500 V
- **Minimum bending radius**
fixed installation
core Ø ≤ 8 mm: 4x Ø core
core Ø > 8-12 mm: 5x Ø core
core Ø > 12 mm: 6x Ø core

Cable structure

- Bare copper conductor, fine wire acc. to cl. 5 EN 60228/IEC 60228
- Core insulation of PVC compound
- Insulation colour: yellow-green
- Meter marking

Properties

- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers
- UV resistant

Test

- Self-extinguishing and flame retardant acc. EN 60332-1-2/ PN-EN 60332-1-2

Application

The cable is used for ground connections (grounding) of installations and electrical devices operating outside buildings. This cable is not allowed to install for direct laying on cable trays, channels or tanks.

CE = Product complies to the Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec mm ²	Outer Ø app. mm	Copper weight kg/km	Weight app. kg/km
18049448	1 x 6	5,1	58,0	68,0
18049449	1 x 10	6,7	96,0	115,0
18049450	1 x 16	7,7	154,0	166,0
18049451	1 x 25	9,7	240,0	270,0
18049452	1 x 35	10,8	336,0	367,0

Dimensions and specifications may be changed without prior notice.