

PUK/PUKS

Cable with Kevlar core, orange

Art.-No. 72.05



Sensor cable suitable for direct burial and temporary applications, for cable reels and hanging pressure sensors, with double jacket PU, flexible, with Kevlar core (PUKS) and free installation, orange. Also available without armor for max. 300 m (PUK).

Application

- For direct burial in the ground

Characteristics

- Traction and carrying element min. breaking load 1680 N

Texture

- Conductor: fine branched conductor made of copper
- Isolation: TPE (thermoplastic polymer)
- Black cores with continuous characters in white
- Stranding: cores optimized in length, stranded with filler in the core, filler is reinforced with Kevlar^{*1}
- Inner jacket PUR thermoplastic polymer on base of TPE-U, conform to TPU to "DIN VDE 0282 Teil 10"
- Color of overcoat: pastel orange, like RAL 2003
- Armor: netting made of Kevlar-wire
- Color of overcoat PUR orange imprinted with PUK/Glötzl

*1 Version without armor max. length 300 m

Technical details

Core-ID-Code:	black cores, characters in white
Ohmic resistance:	at 20 °C max 39.0 Ω/km
Min. bending radius:	3 x diameter of core fixed installation 5 x diameter of core free installation
Nominal Voltage U ₀ /U:	300/500 V
Testing voltage:	Core/ core 2.000 V
Temperature range:	-40 to +90 °C with movement -50 to +90°C without movement

Cable name

Outer-Ø in mm

Weight kg/km

PUK without armor

PUK 6x0,5 mm ²	min. 9.6 mm max. 10 mm	109 kg/km
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PUKS with armor

PUKS 6x0,5 mm ²	min. 9.6 mm max. 10.5 mm	118 kg/km
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Reference Standard

- Containment-free according to "RoHS-Richtlinie 2002/95/EG" as well as "GefStoffV"

