

## AV000018

### Connection technology • Cables (by the meter)

Accessories, cable, 4x0.34mm<sup>2</sup>, PUR (polyurethane), suitable for trailing chain, oils and cooling lubricants, sold by the meter



This connection cable can be ordered by the meter for individual cable lengths.

The plastic (PUR) sheathing of the AV000018 drag chain-capable cable comprises 4 cores, each with a cross-section of 0.34 mm<sup>2</sup>.

#### Electrical features

Operating voltage (AC 50Hz)	300V
Shielded	No

#### Mechanical features

Core insulation material	Plastic (PP)
Core identification	Color
Number of cores	4
Wire assembly	42 x 0.1mm
Conductor cross-section	0.34mm <sup>2</sup>
Outer diameter	4.7mm
Bending radius (flexible)	47mm
Bending radius (fixed)	23.5mm
Cable sheath color	black
Conductor category	Class 6 = very flexible
bending cycles	>5 million cycles
Torsion cycles	+/-360°/m, ≥ 2 million cycles
Material of cable sheath	Plastic (PUR)
Perm. ambient temperature of cable, fixed cable	-50 - 90°C
Perm. ambient temperature of cable, flexible cable	-25 - 90°C
Resistant to chemicals	Yes
Suitable for trailing chain	Yes
UV-resistant	Yes

**Other features**

Flame retardant	Yes
Halogen-free	Yes
Hydrolysis-proof	Yes
Free of LABS	Yes
Silicone-free	Yes
Oil and cooling lubricants	Yes

**Classification**

ETIM 8	EC003248 Power cable < 1 kV, for fixed installation
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**More**

IPF Product Group	854 cable, by meter
packaging dimensions	230 x 225 x 55 mm
gross weight	30 g
Customs tariff number	85444991
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Extract accessories program****AV000130**

Tool, Wire stripper,  
28x166x102mm, Skinning range  
diameter 4.4-7mm, Plastic

**AV000132**

Tool, Wire stripper,  
28x166x102mm, Skinning range  
diameter 3.2-4.4mm, Plastic

You can find further accessories on our homepage

**Installation**

Mounting / installation may only be carried out by a  
qualified electrician!

**Disposal****Safety warnings**

**I** Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

**I** Never use these devices in applications where the safety of a person depends on their functionality.