

# Bulk Raw Cable

## CBL-PUR-O1S-BK-04x050-100M

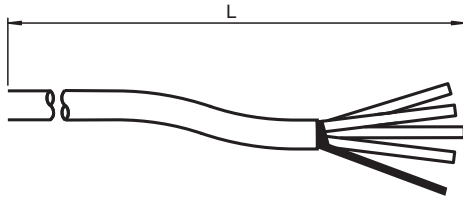


- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains and abrasion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- Resistant to salt water
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core black, shielded, UL approved, drag chain suitable, outdoor



### Dimensions



### Technical Data

#### Electrical specifications

Operating voltage  $U_B$  max. 300 V AC

#### Conformity

Flammability UL 1581; DIN EN 60332-2-2

Halogen-free DIN VDE 0472-815 / DIN EN 50267-2-1

Oil resistance DIN EN 60811-2-1

#### Approvals and certificates

UL approval AWM STYLE 21924/11558 105°C 300V AWM I A/B 105°C 300V FT2

#### Ambient conditions

Ambient temperature

Cable, fixed installation -50 ... 105 °C (-58 ... 221 °F)

Cable, flexing -30 ... 105 °C (-22 ... 221 °F)

Pollution degree 3

#### Mechanical specifications

Cable according to IEC/EN 60228 (DIN VDE 0295) class 6

Sheath diameter 6 mm ± 0.2 mm

Bending radius > 10 x cable diameter, movable installation  
> 5 x cable diameter, fixed installation

Sheath stripping force max. 80 N / 300 mm

Sheath color black (similar to RAL 7021)

Number of cores 4

Core cross section 0.5 mm<sup>2</sup>

Cores color Core 1: brown  
Core 2: white  
Core 3: blue  
Core 4: black

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## Technical Data

Core construction		28 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Cable code		Li 9Y C11Y 4 x 0,50
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		max. 10 m
Acceleration		max. 10 m/s <sup>2</sup>
Mass		5892 g
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
<b>Cable</b>		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Salt water resistance		yes
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment

