

# Bulk Raw Cable

## CBL-PUR-A-BK-05x034-100M

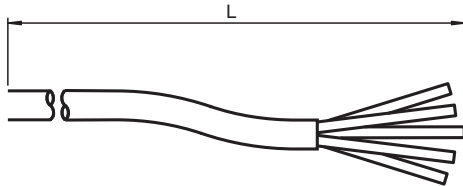


- Improved resistance to weld spatter
- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free

Cable, PUR/PP, 5-core weld spatter resistant black, UL approved, drag chain suitable, torsion resistant



### Dimensions



### Technical Data

#### Electrical specifications

Operating voltage  $U_B$  max. 300 V AC/DC

#### Conformity

Flammability UL 1581; DIN EN 60332-2-2

Halogen-free DIN VDE 0472-815  
IEC 60754-1

Microbial resistance DIN EN 50525-2-21 / DIN VDE 0282-10

Hydrolysis resistance DIN EN 50525-2-21

#### Approvals and certificates

UL approval AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2

#### Ambient conditions

Ambient temperature

Cable, fixed installation -40 ... 80 °C (-40 ... 176 °F)

Cable, flexing -25 ... 80 °C (-13 ... 176 °F)

Pollution degree 3

#### Mechanical specifications

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

Sheath diameter 4.7 mm  $\pm$  0,1 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 9005)

Number of cores 5

Core cross section 0.34 mm<sup>2</sup>

## Technical Data

Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Core construction		42 x 0.1 mm Ø
Length	L	see type code V*-[length]M-*
Cable code		Li F 9Y 11Y 5 x 0,34
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3.3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s <sup>2</sup>
Torsion cycles		min. 1000000
Torsional stress		± 180 °/m
Mass		2826 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
Weld spatter resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment

_____	.....	BN
_____	.....	WH
_____	.....	BU
_____	.....	BK
_____	.....	GY