

# Bulk Raw Cable

## CBL-PUR-U/ABG-BK-04x034-100M



- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- cURus approval
- Halogen-free

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



### Technical Data

#### Electrical specifications

Operating voltage	U <sub>B</sub>	max. 300 V
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#### Conformity

Degree of protection	EN 60529
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815
Microbial resistance	EN 50363
Hydrolysis resistance	EN 50363

#### Approvals and certificates

UL approval	cURus AWM 20549/10493 80°C 300V FT2
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#### Ambient conditions

Ambient temperature	
Cable, fixed	-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		4.9 mm ± 0.15 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 60 N / 100 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross-section		0.34 mm <sup>2</sup>
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		42 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Mass		37.4 kg/km
Cable code		Li F 9Y C11Y 4 x 0,34
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

## Technical Data

Traverse distance	max. 5 m
Acceleration	max. 5 m/s <sup>2</sup>
<b>Material</b>	
Halogen-free	yes
<b>Cable</b>	
Sheathing	PUR based on polyether
Core insulation	PP
UV resistance	yes
Chemical resistance	good
Oil resistance	yes
Cooling lubricant resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

## Connection Assignment

