

Bulk Raw Cable

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

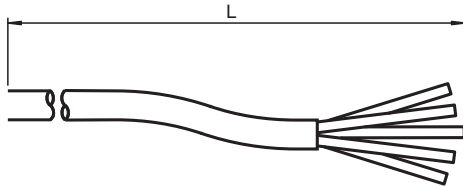


- Improved resistance to weld spatter
- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free

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
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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
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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 ²

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

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 **PEPPERL+FUCHS**

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 ²
Torsion cycles		min. 1000000
Torsional stress		± 180 °/m
Mass		2826 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
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