

Bulk Raw Cable

CBL-PUR-A1-YE-05x034-100M

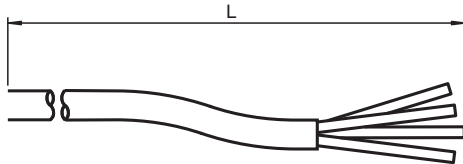


- Improved resistance to weld slag
- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free
- Meets the VASS6 standard

Cable, PUR/PP, 5-core, welding-bead resistant yellow, 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
Oil resistance	DIN EN 60811-2-1

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	5.3 mm $\pm$ 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	yellow (similar to RAL 1021)
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	100 m
Cable code		Li F 9Y 11Y 5 x 0,34
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s²
Torsion cycles		min. 1000000
Torsional stress		± 180 °/m
Mass		3750 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Welding-bead resistance		yes
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

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