

Bulk Raw Cable

CBL-PUR-U-GY-05x150-100M

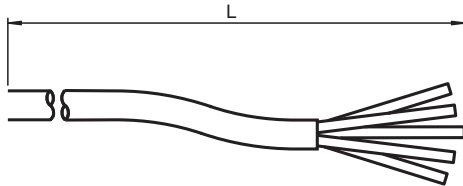


- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free

Cable, PUR/PP, 5-core grey, UL approved, drag chain suitable, torsion resistant, oil resistant



Dimensions



Technical Data

Electrical specifications

Operating voltage	U_B	max. 600 V AC/DC
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Conformity

Flammability	UL 1581; DIN EN 60332-2-2
Chemical resistance	DIN VDE 0472-803

Approvals and certificates

UL approval	AWM STYLE 21223/11172
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Ambient conditions

Ambient temperature	
Cable, fixed installation	-50 ... 80 °C (-58 ... 176 °F)
Cable, flexing	-20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

Mechanical specifications

Cable		
Sheath diameter		8.7 mm $\pm$ 0.2 mm
Bending radius		> 10 x cable diameter, movable installation > 7.5 x cable diameter, fixed installation
Sheath color		grey (similar to RAL 7001)
Number of cores		5
Core cross section		1.5 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Length	L	100 m

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3.3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s²
Torsion cycles		min. 2000000
Torsional stress		± 180 °/m
Mass		13790 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Chemical resistance		good
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT1

Connection Assignment

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

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