

# Bulk Raw Cable

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

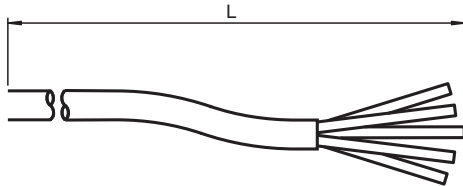


- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free

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

#### Conformity

Flammability UL 1581; DIN EN 60332-2-2

Chemical resistance DIN VDE 0472-803

#### Approvals and certificates

UL approval AWM STYLE 21223/11172

#### 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<sup>2</sup>

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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## 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/s <sup>2</sup>
Torsion cycles		min. 2000000
Torsional stress		± 180 °/m
Mass		13790 g
<b>Material</b>		
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