



Model Number

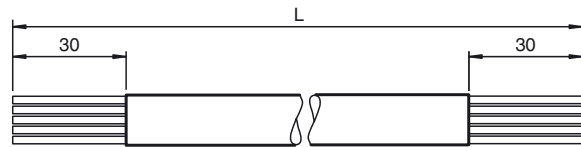
CBL-PUR-BK-03x034-100M

Cable, PUR/PP, 3-wire

Features

- Halogen-free
- UL Recognized Component
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Raw cable with cURus approval
- Flame resistant cable
- Single-bundled cable reel

Dimensions



Technical data

General specifications

Number of pins	3
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 300 V
Test voltage		≥ 3000 V

Ambient conditions

Ambient temperature		cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
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Mechanical specifications

Material		
Cable		PUR
Core insulation		PP
Cable		extra-fine wire, flexible
Sheath diameter		\varnothing 4.3 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color		black
Number of cores		3
Core cross-section		0.34 mm ²
Conductor construction		42 x 0.1 mm \varnothing
Length	L	100 m
Drag chain suitability		
Drag chain cycles		≥ 5000000
Motion velocity		≤ 3.3 m/s
Acceleration		≤ 5 m/s ²
Torsional stress		± 180 °/m

Flammability

Cable	FT2
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Compliance with standards and directives

Standard conformity	
Flammability	UL 1581 section 1061; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994

Approvals and certificates

UL approval	UL Recognized General purpose
Maximum permissible operating voltage	≤ 30 V
Maximum permissible ambient temperature	≤ 80 °C (≤ 176 °F)

Electrical connection

_____	BN
_____	BU
_____	BK