

Bulk Raw Cable

CBL-PUR-BK-03x034-100M

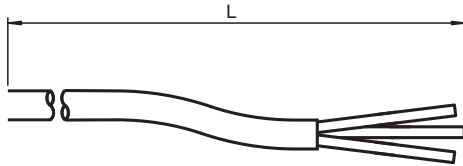


- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UV resistant
- cURus approval
- Halogen-free

Cable, PUR/PP, 3-core black, UL approved, drag chain suitable, torsion resistant



Dimensions



Technical Data

Electrical specifications

Operating voltage U_B max. 300 V AC/DC

Conformity

Flammability UL 1581; DIN EN 60332-2-2

Halogen-free IEC 60754-1

Approvals and certificates

UL approval AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2

Ambient conditions

Ambient temperature

Cable, fixed installation -40 ... 80 °C (-40 ... 176 °F)

Cable, flexing -20 ... 80 °C (-4 ... 176 °F)

Pollution degree 3

Mechanical specifications

Cable according to IEC/EN 60228 (DIN VDE 0295) class 6

Sheath diameter 4.3 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 3

Core cross section 0.34 mm²

Cores color Core 1: brown
Core 2: blue
Core 3: black

Core construction 42 x 0.1 mm \varnothing

Release date: 2025-02-14 Date of issue: 2025-02-14 Filename: 239212_eng.pdf

Technical Data

Length	L	100 m
Cable code		Li F 9Y 11Y 3 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		2520 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment

————— ·····—	BN
————— ·····—	BU
————— ·····—	BK