



Bulk Raw Cable

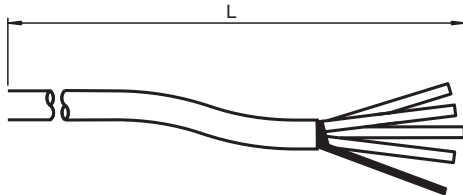
CBL-PUR-O2/CAN-BK-2x2x034-100M

- Suitable for DeviceNet and CANopen
- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- Resistant to salt water
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core twisted pairs black, shielded, UL approved, drag chain suitable, outdoor



Dimensions



Technical Data

Electrical specifications

Operating voltage	U_B	max. 300 V AC
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Conformity

Flammability	UL 1581 , IEC 60332-1-2
Halogen-free	IEC 60754-1
Chemical resistance	DIN EN 60811-2-1
Oil resistance	DIN EN 60811-2-1

Approvals and certificates

UL approval	AWM STYLE 21924/11558 105°C 300V AWM I A/B 105°C 300V FT2
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Ambient conditions

Ambient temperature	
Cable, fixed installation	-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing	-30 ... 105 °C (-22 ... 221 °F)
Pollution degree	3

Mechanical specifications

Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	6 mm \pm 0.2 mm
Bending radius	> 10 x cable diameter, movable installation > 5 x cable diameter, single bend
Sheath stripping force	max. 80 N / 500 mm
Sheath color	black (similar to RAL 9005)
Number of cores	4
Core cross section	0.34 mm ²

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Technical Data

Cores color		Core 1: red Core 2: black Core 3: white Core 4: blue
Core construction		19 x 0.15 mm Ø twisted pairs
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Cable code		Li 9Y C11Y 2 x 2 x 0,34
Drag chain suitability		
Drag chain cycles		min. 3000000
Motion velocity		max. 2.5 m/s
Traverse distance		0.51 m
Acceleration		max. 12 m/s ²
Mass		5070 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Salt water resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment

