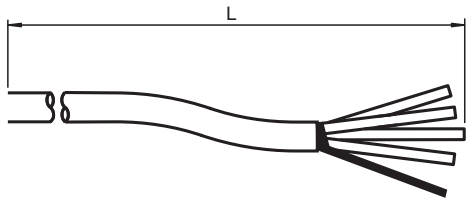
Bulk Raw Cable

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
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
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 ± 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 mm²

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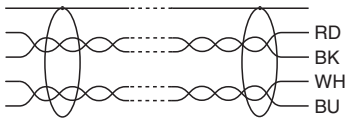
Technical Data

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



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