

Bulk Raw Cable

CBL-PUR-U/CAN-VT-04x034-100M

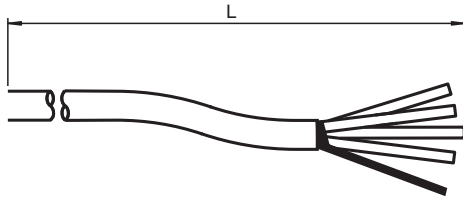


- Suitable for DeviceNet and CANopen
- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- Resistant to salt water
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core twisted quad violet, shielded, UL approved, drag chain suitable, salt water resistant



Dimensions



Technical Data

Electrical specifications

Operating voltage	U_B	max. 300 V AC
Test voltage		core/core: 3000 V (1 min) core/shield: 3000 V (1 min)
Characteristic impedance		120 Ω \pm 12 Ω (1 MHz)

Conformity

Flammability		IEC 60332-1-2 / UL 2556 / ISO 6722-1 5.22 (UN ECE-R 118.01)
Halogen-free		IEC 60754-1
Chemical resistance		DIN EN 60811-2-1
Oil resistance		DIN EN 60811-2-1

Approvals and certificates

UL approval		CMX listed
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Ambient conditions

Ambient temperature		
Cable, fixed installation		-20 ... 80 °C (-4 ... 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 5
Sheath diameter		6.1 mm \pm 0.15 mm
Bending radius		> 8 x cable diameter, movable installation > 4 x cable diameter, fixed installation
Sheath stripping force		max. 60 N / 100 mm
Sheath color		violet (similar to RAL 4001)

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Technical Data

Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: red Core 2: black Core 3: white Core 4: blue
Core construction		7 x 0.254 mm Ø twisted quad
Shield		tinned copper braiding, 80 % coverage
Length	L	100 m
Cable code		Li 9Y 11Y 4 x 0.34
Drag chain suitability		
Drag chain cycles		min. 3000000
Motion velocity		max. 2.5 m/s
Acceleration		max. 12 m/s ²
Mass		5278 g
Material		
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		VW-1 complies with UN ECE-R 118.01

Connection Assignment

