

Bulk Raw Cable

CBL-PUR-A1-YE-05x034-100M

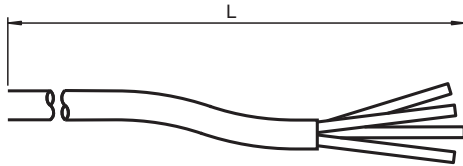


- Improved resistance to weld slag
- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- cURus approval
- Halogen-free
- Meets the VASS6 standard

Cable, PUR/PP, 5-core, welding-bead resistant yellow, 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 DIN VDE 0472-815

Oil resistance DIN EN 60811-2-1

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 -25 ... 80 °C (-13 ... 176 °F)

Pollution degree 3

Mechanical specifications

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

Sheath diameter 5.3 mm \pm 0.2 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 yellow (similar to RAL 1021)

Number of cores 5

Core cross section 0.34 mm²

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Technical Data

Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Core construction		42 x 0.1 mm Ø
Length	L	100 m
Cable code		Li F 9Y 11Y 5 x 0,34
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s ²
Torsion cycles		min. 1000000
Torsional stress		± 180 °/m
Mass		3750 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Welding-bead resistance		yes
Weld spatter resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment

_____	.....	BN
_____	.....	WH
_____	.....	BU
_____	.....	BK
_____	.....	GY