

Bulk Raw Cable

CBL-PUR-GY-3x2x025-100M

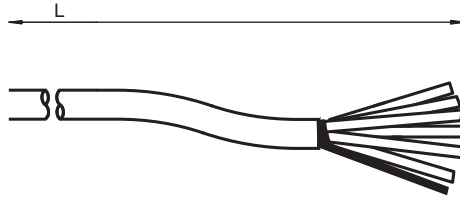


- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- Oil resistant
- cURus approval
- Halogen-free

Cable, PUR/PP, 6-core grey, twisted pairs, overall shield, UL approved, drag chain suitable



Dimensions



Technical Data

Electrical specifications		
Operating voltage	U_B	max. 500 V AC/DC
Conformity		
Flammability		UL 1581 , IEC 60332-1-2
Halogen-free		IEC 60754-1
UV resistance		DIN EN ISO 4892-2-A
Oil resistance		EN 50363-10-2
Approvals and certificates		
UL approval		AWM STYLE 21576 AWM I/II A/B 80°C 500V FT2
Ambient conditions		
Ambient temperature		
Cable, fixed installation		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-40 ... 80 °C (-40 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		7 mm

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Technical Data

Bending radius		> 7.5 x cable diameter, movable installation > 4 x cable diameter, fixed installation
Sheath color		grey (similar to RAL 7001)
Number of cores		6
Core cross section		0.25 mm ²
Cores color		Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink
Core construction		3 x 2 x 0.25 mm ² twisted pairs , overall shield
Shield		tinned copper braiding
Length	L	100 m
Mass		72 kg/km
Cable code		Li 9Y C11Y 3 x 2 x 0,25
Drag chain suitability		
Drag chain cycles		min. 5000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 3 m/s ²
Torsion cycles		min. 2000
Torsional stress		± 150 °/m
Mass		6234 g
Material		
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
UV resistance		yes
Oil resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment

