

Bulk Raw Cable

CBL-PUR-ABG-BK-08x025-100M

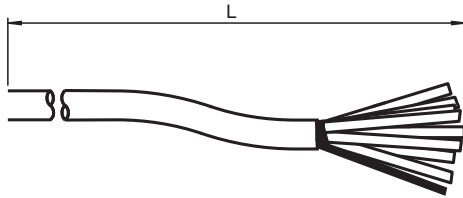


- Resistant to microbes and hydrolysis
- Free of paint wetting interfering substances
- UV resistant
- cURus approval
- Halogen-free

Cable, PUR/PP, 8-core black, shielded, UL approved, drag chain suitable



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 IEC 60754-1
Microbial resistance EN 50363
Hydrolysis resistance EN 50363

Approvals and certificates

UL approval AWM STYLE 20549 I/II A/B 80°C 300V FT2

Ambient conditions

Ambient temperature
Cable, fixed installation -40 ... 80 °C (-40 ... 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 6
Sheath diameter 6 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 black (similar to RAL 9005)
Number of cores 8
Core cross section 0.25 mm²

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Technical Data

Cores color		Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink Core 7: blue Core 8: red
Core construction		32 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Cable code		Li 9Y C 11Y 8 x 0,25
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
Mass		5309 g
Material		
PWIS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Connection Assignment

