Bulk Raw Cable

CBL-PUR-U/ABG-BK-04x034-100M

- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- UV resistant
- cURus approval
- Halogen-free

Cable, PUR/PP, 4-core black, shielded, UL approved, drag chain suitable

Technical Data

Electrical specifications		
Operating voltage	U_B	max. 300 V
Conformity		
Degree of protection		EN 60529
Flammability		UL 1581; DIN EN 60332-2-2
Halogen-free		DIN VDE 0472-815
Microbial resistance		EN 50363
Hydrolysis resistance		EN 50363
Approvals and certificates		
UL approval		cURus AWM 20549/10493 80°C 300V FT2
Ambient conditions		
Ambient temperature		
Cable, fixed		-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		4.9 mm ± 0.15 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 60 N / 100 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross-section		0.34 mm^2
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		42 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	100 m
Mass		37.4 kg/km
Cable code		Li F 9Y C11Y 4 x 0,34
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s

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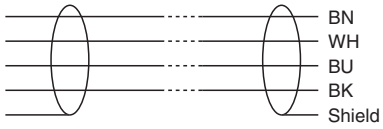
Technical Data

Traverse distance	max. 5 m
Acceleration	max. 5 m/s²
Material	
Halogen-free	yes
Cable	
Sheathing	PUR based on polyether
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



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