



Bulk Raw Cable

CBL-PUR-O1S-BK-04x050-100M

- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains and abrasion resistant
- Free from substances that impair paint wetting
- Resistant to microbes and hydrolysis
- Resistant to salt water
- cURus approval
- Halogen-free

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



Technical Data

Electrical specifications

Operating voltage	U _B	max. 300 V AC
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Conformity

Degree of protection	EN 60529
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 / DIN EN 50267-2-1
Oil resistance	DIN EN 60811-2-1

Approvals and certificates

UL approval	AWM STYLE 21924/11558 105°C 300V AWM I A/B 105°C 300V FT2
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Ambient conditions

Ambient temperature	
Cable, fixed	-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing	-30 ... 105 °C (-22 ... 221 °F)
Pollution degree	3

Mechanical specifications

Cable	according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter	6 mm ± 0.2 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force	max. 80 N / 300 mm
Sheath color	black (similar to RAL 7021)
Number of cores	4
Core cross-section	0.5 mm ²
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction	28 x 0.15 mm Ø
Shield	tinned copper braiding, 85 % coverage
Length	L 100 m
Mass	49 kg/km
Cable code	Li 9Y C11Y 4 x 0,50
Drag chain suitability	
Drag chain cycles	min. 2000000
Motion velocity	max. 3 m/s
Traverse distance	max. 10 m

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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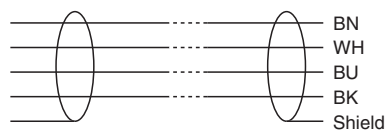
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PEPPERL+FUCHS

Technical Data

Acceleration		max. 10 m/s²
Material		
LABS free		yes
Halogen-free		yes
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Salt water resistance		yes
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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