



Model Number

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

Cable, PUR/PP, 4-wire, shielded

Features

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

Technical data

Electrical specifications

Operating voltage	U_B	max. 300 V
Test voltage		≥ 3000 V

Ambient conditions

Ambient temperature		cable, flexing: -25 ... 80 °C (-13 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
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Mechanical specifications

Material		
Cable		PUR
Core insulation		PP
Cable		
		fine-strand, flexible
Sheath diameter		Ø4.8 mm
Core diameter		1.27 mm \pm 0.02 mm (signal line) 22 AWG
Bending radius		> 10 x cable diameter, moving 5 x cable diameter, single bend
Color		black
Number of cores		4
Core cross-section		0.34 mm ²
Conductor construction		42 x 0.1 mm
Shield		grid covering 85 %
Length	L	100 m
Drag chain suitability		
Drag chain cycles		≥ 2000000
Motion velocity		≤ 3 m/s
Traverse distance		10 m
Acceleration		≤ 10 m/s ²
Mass		4.6 kg
Flammability		
Cable		FT2

Compliance with standards and directives

Standard conformity		
Halogen-free		DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance		DIN EN 60811-2-1:2002

Electrical connection

