

# Bulk Raw Cable

## CBL-PUR-BK-16x050/3x100-50M

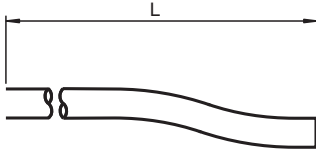


- Suitable for drag chains and abrasion resistant
- Free of paint wetting interfering substances
- Oil resistant

Cable, PUR/PVC, 19-core black, drag chain suitable, oil resistant



### Dimensions



### Technical Data

#### Electrical specifications

Operating voltage  $U_B$  max. 300 V AC/DC

#### Conformity

Flammability DIN EN 50265-2-1

Oil resistance DIN VDE 0472-803

#### Ambient conditions

Ambient temperature

Cable, fixed installation -40 ... 90 °C (-40 ... 194 °F)

Cable, flexing -5 ... 80 °C (23 ... 176 °F)

Pollution degree 3

#### Mechanical specifications

Cable according to IEC/EN 60228 (DIN VDE 0295) class 6

Sheath diameter 10.5 mm ± 0.2 mm

Bending radius > 10 x cable diameter, movable installation  
> 7.5 x cable diameter, fixed installation

Sheath color black (similar to RAL 9005)

Number of cores 19

Core cross section 16 x 0.5 mm<sup>2</sup> + 3 x 1 mm<sup>2</sup>

## Technical Data

Cores color		Core 1: brown Core 2: blue Core 3: green/yellow Core 4: white Core 5: green Core 6: yellow Core 7: grey Core 8: pink Core 9: red Core 10: black Core 11: violet Core 12: grey/pink Core 13: red/blue Core 14: white/green Core 15: brown/green Core 16: white/yellow Core 17: yellow/brown Core 18: white/grey Core 19: grey/brown
Core construction		28 x 0.15 mm Ø + 56 x 0.15 mm Ø
Length	L	50 m
Mass		183.7 kg/km
Cable code		Li YY 11Y-HF
Drag chain suitability		
Drag chain cycles		min. 1500000
Motion velocity		max. 2 m/s
Traverse distance		max. 2 m
Mass		9382 g
<b>Material</b>		
PWIS free		yes
Cable		
Sheathing		PUR
Cores		bare copper (Cu)
Core insulation		PVC
Chemical resistance		good
Oil resistance		yes
Flammability		flame-resistant

## Connection

1 mm <sup>2</sup>	=====	BN
	-----	BU
	-----	GNYE
0.5 mm <sup>2</sup>	-----	WH, GN, YE, GY,
	-----	PK, RD, BK, VT,
	-----	GYPK, RDBU,
	-----	WHGN, BNGN,
	-----	WHYE, YEBN,
	-----	WHGY, GYBN