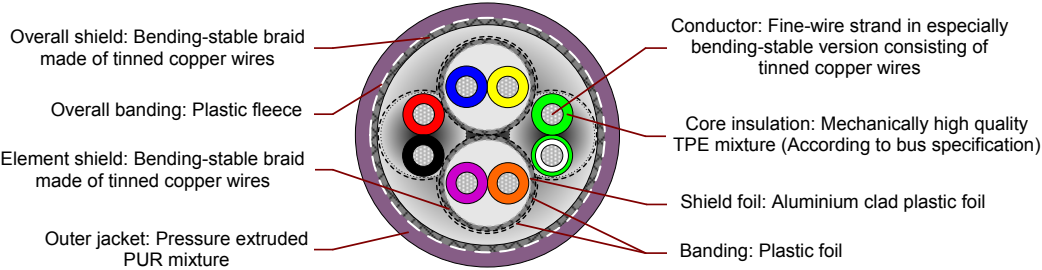


PUR - e-chain[®] - Bus cable for medium load requirements (class 4.3.3): shielded, oil- and coolant-resistant, PVC- and halogen- free, notch-resistant as well as flame-retardant.

CFBUS.PUR.068 (USB 3.0)



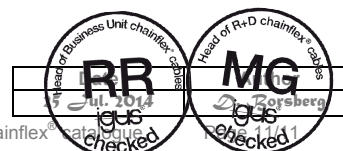
Electrical values:

Nominal voltage:	50 V
Test voltage:	500 V (Core / Core) & 500 V (Core / Shield) following DIN EN 50289-1-3
Certifications:	cFUs: (E310776: Style 1598 & 20236, 30 V / 80 °C)
Operating capacity:	Shielded pair: approx. 60 pF / m Unshielded pair: approx. 52 pF / m ⇒ (at 800 Hz) following DIN EN 50289-1-5
Characteristic wave resistance:	Shielded pair: 90 ± 18 Ω (at 1 MHz to 1200 MHz) Unshielded pair: 105 ± 16 Ω (at 1 MHz) ⇒ following DIN EN 50289-1-11

Line attenuation {Signal pairs} [approx. db / 100 m] (following DIN EN 50289-1-8)			
Frequency [MHz]	1	625	1200
Part no.			
CFBUS.PUR.068	0,4	11,5	18,0

Construction table:

Part No.	Colour code		Cable construction
CFBUS.PUR.068	2x2xAWG28	red/black, green/whitegreen	
	2x(2xAWG28)C	blue/yellow, orange/violet	



Chainflex[®] life calculation

Questions & Ratings



» More

Cable

Item:

Cable type: ▼

Series: ▼

Part no.: ▼

Used in Energy Chain[®]

Speed: m/s Travel: m

Acceleration: m/s² Bending radius: mm

Application temperature: °C

Application: Unsupported Gliding

» Inquiry Calculate

Result

When the catalogue specifications are observed, the expected service life of the selected cable is **minimum 10,000,000 double strokes.**

The information given on our website and in particular the CAD files which are provided are based on the current state of our knowledge with regard to the products described. Legal warranty of the presence of particular characteristics or suitability for particular applications or purposes cannot be assumed. igus[®] does not accept any liability whatsoever for damage which arises from the use of the products. Neither does igus[®] accept any responsibility for the correctness, completeness or quality of the information provided, nor is there a guarantee that the information is up to date.

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Chainflex® life calculation

Questions & Ratings



» More

Cable

Item:

Cable type: ▼

Series: ▼

Part no.: ▼

Used in Energy Chain®

Speed: m/s Travel: m

Acceleration: m/s² Bending radius: mm

Application temperature: °C

Application: Unsupported Gliding

» Inquiry Calculate

Result

When the catalogue specifications are observed, the expected service life of the selected cable is **minimum 7,500,000 double strokes.**

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Chainflex® life calculation

Questions & Ratings



» More

Cable

Item:

Cable type: ▼

Series: ▼

Part no.: ▼

Used in Energy Chain®

Speed: m/s Travel: m

Acceleration: m/s² **Bending radius: mm**

Application temperature: °C

Application: Unsupported Gliding

» Inquiry

Result

When the catalogue specifications are observed, the expected service life of the selected cable is **minimum 5,000,000 double strokes.**

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