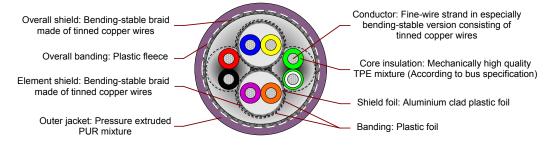


c Nus

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

CFBUS.PUR.068 (USB 3.0)



Electrical values:

Nominal voltage: 50 V

500 V (Core / Core) & 500 V (Core / Shield) following DIN EN 50289-1-3 Test voltage:

Certifications: c*ЯU*us: (E310776: Style 1598 & 20236, 30 V / 80 °C)

approx. 60 pF / m Operating capacity: Shielded pair:

Unshielded pair: approx. 52 pF / m ⇒ (at 800 Hz) following DIN EN 50289-1-5

Characteristic wave resistance: Shielded pair: 90 \pm 18 Ω (at 1 MHz to 1200 MHz)

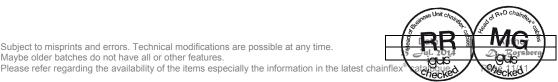
 $105 \pm 16 \Omega$ (at 1 MHz) Unshielded pair: following DIN EN 50289-1-11

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

Construction table:

| Part No. | | Colour code | Cable construction |
|---------------|--------------|-----------------------------|--------------------|
| 05DU0 DUD 000 | 2x2xAWG28 | red/black, green/whitegreen | 000 |
| CFBUS.PUR.068 | 2x(2xAWG28)C | blue/yellow, orange/violet | |







| Chainflex® | life calcula | tion | | | Questio | ns & Ratings » Mo |
|-------------------------------------|------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------|
| Cable | | | | | | |
| Item: | | | | | S | earch |
| Cable type: | Bus cable | | | | | ~ |
| Series: | chainflex® | CFBUS.PUR b | us cable PUR | | | ~ |
| Part no.: | CFBUS.PU | IR.068 | | | | ~ |
| Used in Ene | rgy Chain® | | | | | |
| Speed: | | 1 | m/s | Travel: | 15 | m |
| Acceleration | 1: | 1 | m/s² | Bending radius: | 125 | mm |
| Application 1 | temperature: | 30 | _ °c | | | - All Carlotter |
| Application | | Unsupport | ed OGliding | | | |
| | | | | | » Inquiry | Calcula |
| | atalogue spec 0,000,000 dou | | bserved, the ex | spected service life of | the selected c | able is |
| our knowledge suitability for pa | with regard to the articular application | the products descritions or purposes use of the produc | ibed. Legal warra cannot be assum ts. Neither does id | es which are provided are nty of the presence of par ed. igus® does not accept gus® accept any responsi guarantee that the inform | ticular characteris t any liability what bility for the corre | stics or soever for ctness, |
| completeness | or quality of the | amontholion provi | | | | |



| Chainflex® | life calcula | tion | | | Questi | ons & Ratings | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------|--|
| Cable | | | | | | | |
| Item: | | | | | | Search | |
| Cable type: | Bus cable | | | 170 | | ~ | |
| Series : | chainflex® | CFBUS.PUR I | ous cable PUR | | ~ | | |
| Part no.: | CFBUS.PU | R.068 | | | | ~ | |
| Used in Ene | ergy Chain® | | | | | | |
| Speed: | | 1 | m/s | Travel: | 15 | m | |
| , Acceleration | n: | 1 | m/s² | Bending radius: | 100 | mm | |
| Application | temperature: | 30 | _ °c | | | | |
| Application | | Unsupport | ted OGliding | | | | |
| | | | | | » Inquir | y 🔚 Calcula | |
| minimum 7, The informatio our knowledge suitability for p damage which | 500,000 doub on given on our v e with regard to to particular applican a arises from the | vebsite and in par the products desc tions or purposes use of the produc | rticular the CAD file ribed. Legal warra cannot be assume cts. Neither does ic | es which are provided are not of the presence of part ed. igus® does not accept gus® accept any responsil | based on the co icular character any liability who oility for the con | urrent state of ristics or atsoever for rectness. | |
| completences | or ourship, of the | information provi | ded, nor is there a | guarantee that the inform | ation is up to da | ite. | |



| Chainflex® | life calcula | tion | | | Que | stions & Ratings » More |
|-----------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|
| Cable | | | | | | |
| Item: | | | | | | Search |
| Cable type: | Bus cable | | | | | ~ |
| Series: | chainflex® | CFBUS.PUR | bus cable PUR | | | ~ |
| Part no.: | CFBUS.PL | JR.068 | | | | ~ |
| Used in Ener | rgy Chain® | | | | | |
| Speed: | | 1 | m/s | Travel: | 15 | m |
| Acceleration | 1. | 1 | m/s² | Bending radius | 88 | mm |
| Application t | temperature: | 30 | °C | | | - |
| Application | | Unsuppor | rted Gliding | 3 | | |
| | | | | | » Inqu | irv 🔚 Calculate |
| | | | | | 3333343 | |
| Result | | ifontions are | | | - | ul aabla ia |
| | 000,000 doub | | observed, the e | expected service life of | or the selecte | ed cable is |
| our knowledge suitability for pa damage which | with regard to articular applica arises from the | the products des ations or purpose use of the produ | cribed. Legal warra s cannot be assun acts. Neither does | les which are provided ar anty of the presence of pa ned, igus® does not acce igus® accept any respon a guarantee that the infor | articular charac pt any liability v sibility for the c | teristics or whatsoever for orrectness, |
| | | | » Graded pric | es » Catalog page | of the select | ed series » Clos |
| | | lousi | B CimhHi Snishar S | Straße 1a, D-51147 Köln | ion to | plastics for longer life |