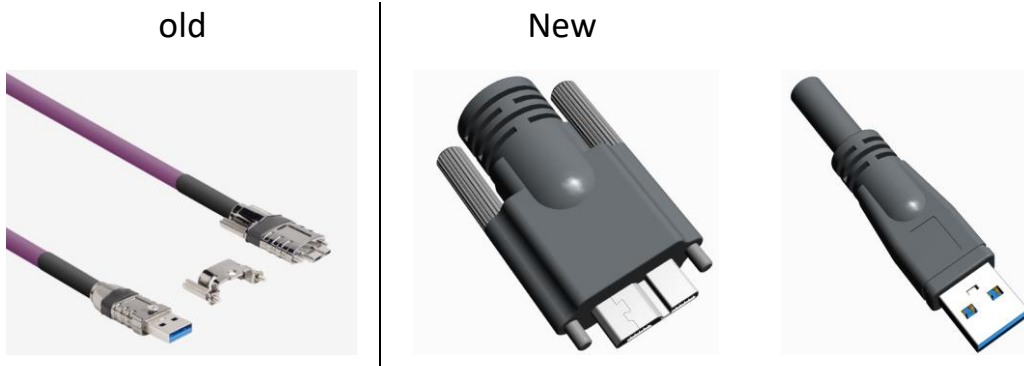


Document availability: **Public**

## Raw cable change for USB3.0 hiflex / dragchain cable

<b>Affected Product:</b>	Raw cable change for USB3.0 hiflex cable		
<b>Type of Product Change:</b>	<input checked="" type="checkbox"/> Electrical Specification <input type="checkbox"/> Mechanical Specification <input checked="" type="checkbox"/> Optical Specification <input type="checkbox"/> Firmware Specification <input type="checkbox"/> Regulatory or Compliance <input type="checkbox"/> Change of Part Number <input type="checkbox"/> Discontinued Product or Part		
<b>Document Number</b>	PCN 20200819	<b>Document Version</b>	2.0
<b>Release Date:</b>	August 19 <sup>th</sup> 2020		



## Affected Part Numbers

Old Part Numbers	Matchcode	New Part Numbers
AD00152	USB3 dragchain cable, straight, screw., 3 m	AD00324
AD00153	USB3 dragchain cable, straight, screw., 4 m	AD00327
AD00202	USB3 dragchain cable, straight, screw., 5 m	AD00325

## Reasons and description of the product adaption

## Type of change

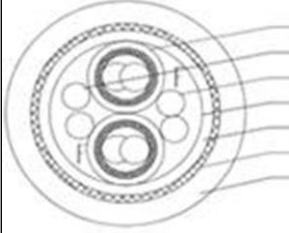
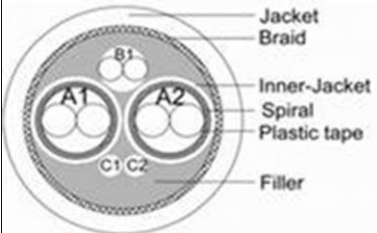
Lifecycle improvement for USB3.0 high flex raw cable

## Reason and Description

The new raw cable A87-3502(C) has improved high flex properties, smaller OD and bigger power conductors.

Due to the power core size increase, the power delivery to the connected device can be improved. The smaller total OD of the cable together with an additional torsional flexibility lead to a better fit of the cable in more applications. The Static Bend Radius changes from 56.7mm to 80.0mm.

The material of the connector itself changed from metal to plastic. It is still screwable on the Micro-B side. No possibility to screw the USB A connector.

		Existing Item	New Item
No.	Item	A87-3502	A87-3502(C)
1	Power Lines	2C AWG28	2C AWG22
2	Description	UL20233 USB3.0 Cable 2xSuperSpeed ParallelPair#26, 1xUSB2 UTP#28, 2C#28 [9.45] violet	UL21445 USB3.0 Cable 2xSuperSpeed Pair#26, 1xUSB2 UTP#28, 2C#22[8.0] violet
3	Torsional Testing	n/a	pass 1KK cycle
4	S-bend Testing	pass 1KK cycle	pass 1KK cycle
5	Outer Diameter	9.45mm	8.00mm
6	Outer Cable Jacket	TPU	TPE
7	UL style	UL20233	UL21445
8	Cross section	 <p>COMP C: 2/P 26 AWG            COMP A: 2/C 28 AWG PVC            COMP B: 1/P 28 AWG            PTFE BINDER            TPE INNER JACKET            BRAID SHIELD            TPU JACKET            F = FILLERS IF NECESSARY</p>	 <p>Jacket Braid            Inner-Jacket            Spiral Plastic tape            Filler</p>

## **Recommended action for customers**

If you use the cable in a certified medical product or what to check if there might be influences in your application, please contact our sales for an evaluation sample. For new projects we recommend to use the new products. If you want to stay with the old cable, please make sure to order the needed quantity early enough.

## **Date of change**

This product change takes place from August 2020. The new products are available with immediate effect. The old products will still be available for the next 12 months due to stock at IDS.