



USB 3.0 DIY Connector Plug Kit

B Connector Assembly Guide

I. Features

- Available in all USB 3.0 connector family: USB-A, USB-B, USB-Micro-B
- Easy USB 3.0 Connector termination to help you DIY your own USB 3.0 cable
- Handy tool kit to modify your own USB 3.0 cable to desired length and configuration
- Rugged enclosure design makes the connector as strong as factory overmolded
- USB3 Vision Compliant Locking Micro B Connector

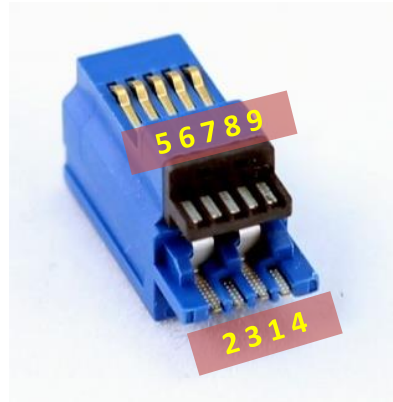
II. What's inside a USB 3.0 Type-B DIY Connector Plug Kit

	B Connector Plug Housing
	Bottom Cover
	Top Cover
	Plug Housing Bottom Shell
	Plug Housing Top Shell
	Cover Ring

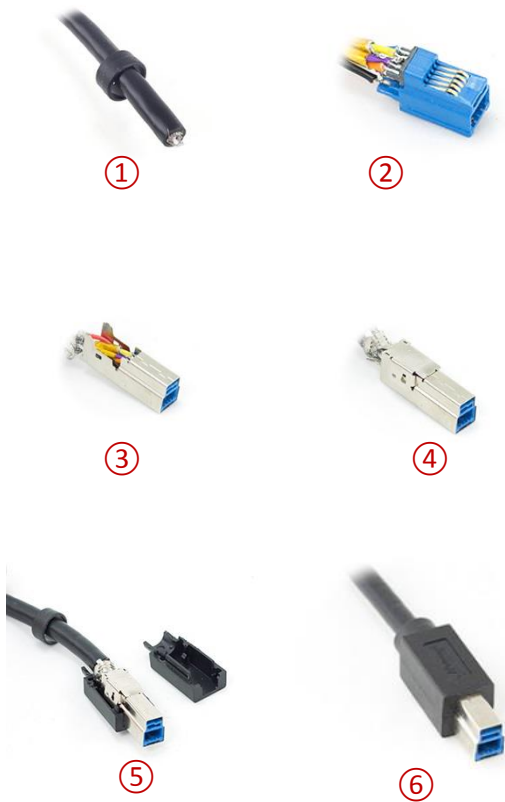
III. Connector Pin Map

Based on *Universal Serial Bus 3.0 Specification rev 1.0*

Signal Name	USB-B
PWR	1
D-	2
D+	3
GND	4
SDP1-	5
SDP1+	6
DRAIN	7
SDP2-	8
SDP2+	9
Outer Braid	SHELL



USB-B



- 1 Insert the Cover Ring onto the raw cable
- 2 Strip the all the wires to appropriate length and solder the USB 3.0 Cable onto the Plug Solder plate follow USB-IF standard Pin-out
- 3 Insert the plug into the Plug Housing Bottom Shell follow the same orientation shown in the image left
- 4 Close the Plug Housing Top Shell then use the back clamp to wrap the braiding wires properly as shown
- 5 Place the soldered plug and housing onto the bottom cover follow the same orientation as shown in the left image. (Top housing shell at upside)
- 6 Close the top cover and insert the cover ring to the back portion to secure the latching. Then the assembly is completed.

IV. Video Demonstration Link:

<https://www.youtube.com/watch?v=lezpeoCjwwE>

Newnex Technology Corp.

3041 Olcott St.
Santa Clara,
CA 95054, USA

+1 (408) 986-9988
www.newnex.com
information@newnex.com