



NAUSB3-B

Reversible USB 3.0 gender changer (type A and B), black D-housing

The NAUSB3-B is a reversible USB 3.0 feed through adapter. The standardized D-shape housing of the adapter fits into conventional patch panels and offers an additional protection for the connector.

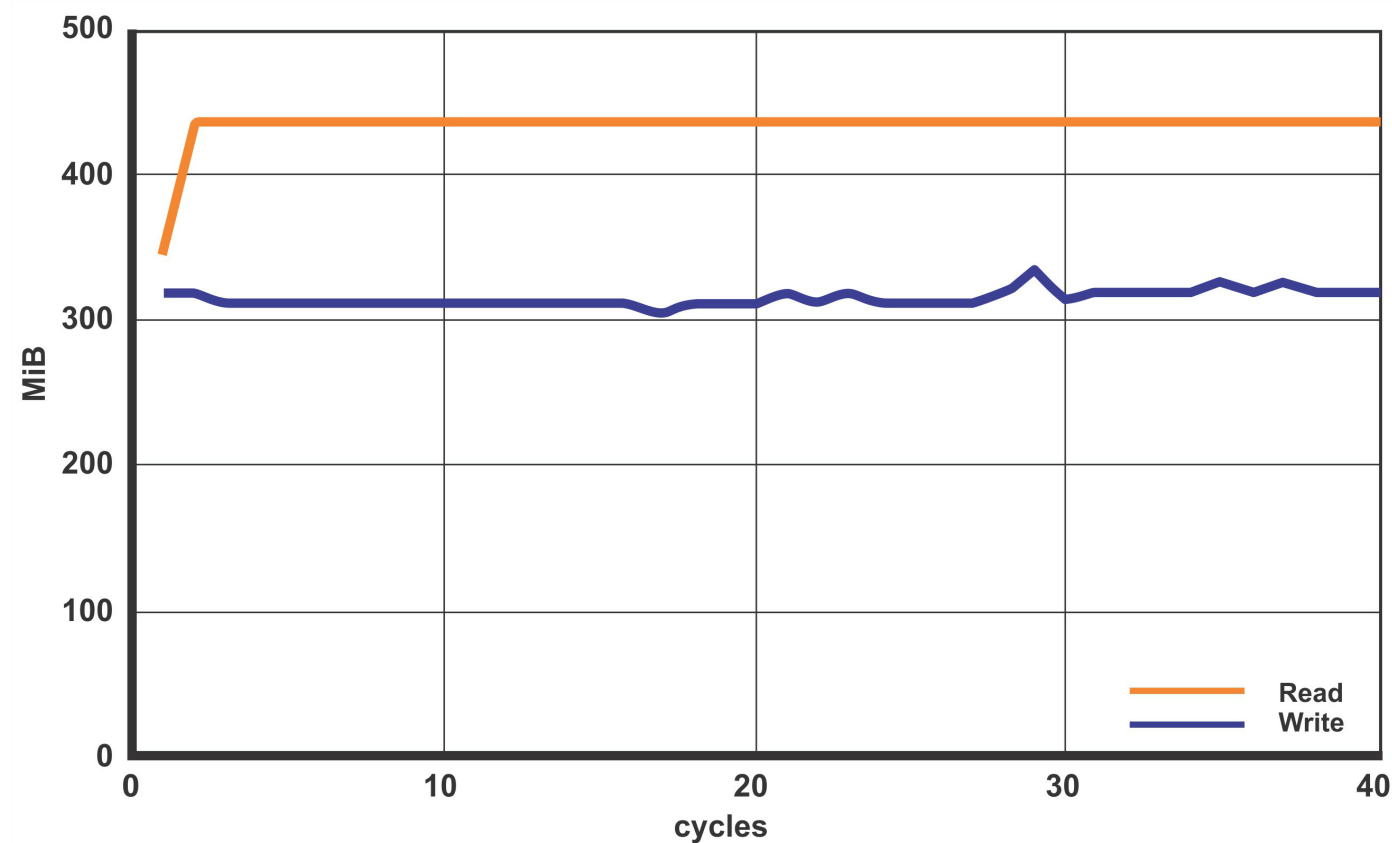
Not compatible with NKUSB-* cables.

Features & Benefits

- USB 3.0 feedthrough adapter
- Standard D-shape housing
- Meets USB 3.0 specifications
- Reversible insert offering type A or B on front or rear end
- Removable screen for chassis grounding

USB 3.0 Performance

To meet the USB3.0 specifications the NAUSB3* chassis contain tight tolerance pin wiring and an improved ground connection due to an additional copper film between the USB jacks. As a result the feed through adapter guarantees permanent writing and reading speed > 200 MB/s.



Gender Changeable

Certain applications require that the USB 3.0 type A or type B jack is on front to connect end devices like hard disk, cameras, etc. The connector configuration of the NAUSB3* can be changed by rotating the USB insert without special tools.

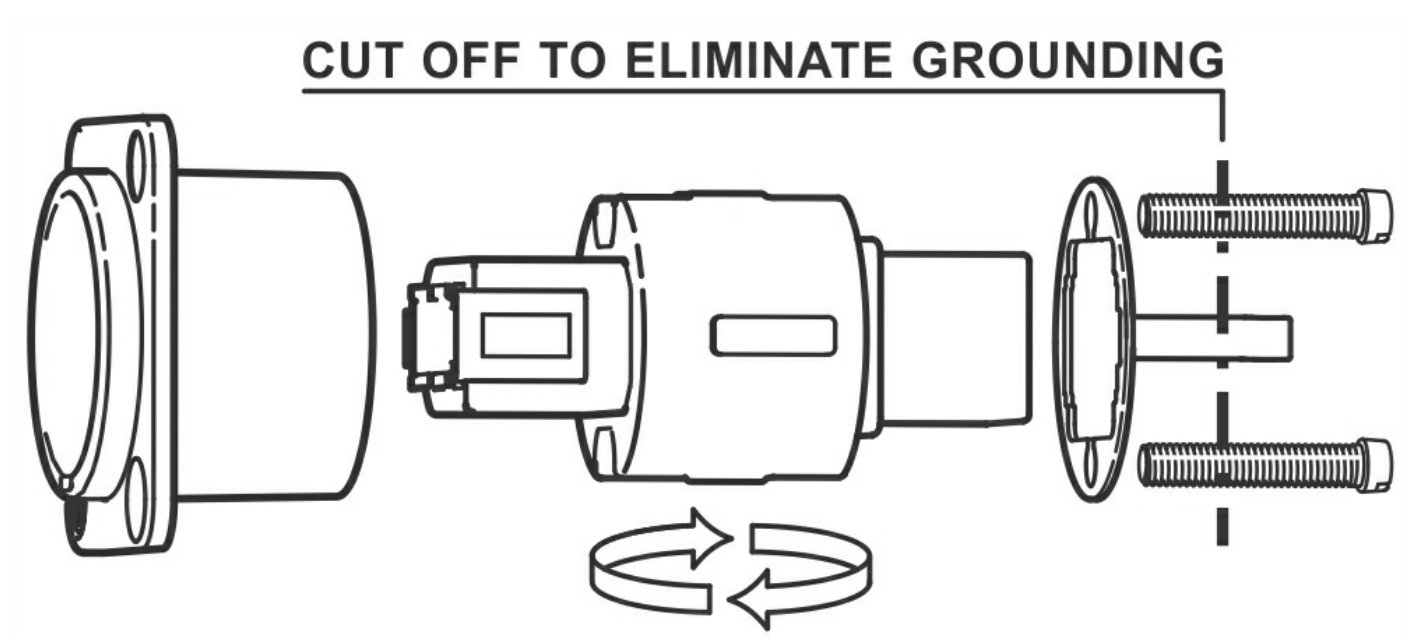


USB Typ B in front



Optimized Ground Connection

An additional metal lip guarantees optimum ground connection from USB 3.0 jack to the D-size flange in order to achieve a consistent ground level. To eliminate the ground connection pinch off the metal lip.



Cable lengths

To ensure an error-free data transmission it is essential to use an appropriate cable with correct length. The table below lists the maximum cable length according to the wire gauge (AWG) of the used USB 3.0 cable.

Wire gauge	Cable length
AWG 22	1.75 m
AWG 24	1.0 m
AWG 26	0.6 m
AWG 28	0.35 m

NAUSB3-B rear view



Technical Information

Product	
Title	NAUSB3
Connection Type	Adapter
Gender	female

Electrical	
Reading / Writing speed	>200 MB/s

Mechanical	
Wiresize	
Mounting direction	Front mounting
Chassis shape	D
Lifetime	> 1000 mating cycles

Material	
Contact plating	Au
Contacts	Brass (CuZn39Pb3)
Insert	PBTP 15 % GR
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel

Environmental	
Flammability	UL 94 V-0
Standard compliance	USB 3.0 specifications
Temperature range	-25 °C to +85 °C