

Ballard Technology USB 1553
Portable USB Interface



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USB Interface Accessories

General cables and accessories for use with our Portable Avionics Interfaces for USB 3.1 and Portable Avionics Interfaces for USB 2.0.



USB 1553 to 2 Twinax Cables

This single-channel, transformer coupled twinax cable is used to connect a USB 1553 interface to MIL-STD-1553 databuses. See item 16066 for two channels, and item 16064 for two channels and an auxiliary D-Sub connector for accessing the Discrete I/O and IRIG signals.

Part Number: 16065

- Transformer coupled twinax
- PL75 connectors



USB 1553 to 4 Twinax Cables

This two-channel, transformer coupled twinax cable is used to connect a USB 1553 interface to MIL-STD-1553 databuses. See item 16065 for a single channel, and item 16064 for two channels and an auxiliary D-Sub connector for accessing the Discrete I/O and IRIG signals.

Part Number: 16066

- Transformer coupled twinax
- PL75 connectors



USB 1553 to 4 Twinax Cables and One D-Sub Connector

This two-channel, transformer coupled twinax cable is used to connect a USB 1553 interface to MIL-STD-1553 databuses. It includes an auxiliary D-Sub connector for accessing the Discrete I/O and IRIG signals. See item 16065 for a single channel, and item 16066 for two channels.

Part Number: 16064

- Transformer coupled twinax
- PL75 connectors



USB Multi-Protocol Breakout Cable

This cable is for use with the USB Multi-Protocol adapter. Twinax cables are provided for use with the MIL-STD-1553 channel. A 25-pin D-Sub (male) is provided for use with the EBR-1553, ARINC 429, ARINC 717, and Differential Discrete I/O interfaces. A 15-pin D-Sub (female) is provided for use with Avionic Discrete I/O and IRIG signals.

Part Number: 16087

- Transformer coupled Twinax
- 25-pin D-Sub Male
- 15-pin D-Sub Female



USB 429 to DB15 Connector

USB 429 connector to DB15 connector.

Part Number: 16067

- Designed for customers who are replacing CM429-1/2R1T or CM429-1/4R2T PCMCIA cards and need pinouts the same as the 16016 cable.



USB Adapter Accessory Kit

Accessory kit for Avionics Interfaces for USB 2.0. Comes standard with most USB 2.0 adapter models. Contains a locking USB cable, along with a D-sub connector and backshell for use in creating a custom mating cable.

Part Number: 17031

- 1 USB Cable, 5 ft long, with locking thumbscrews
- 1 Connector, 44-pin, D-sub
- 1 Backshell for above



53-pin Data Loader Cable

Data loader cable connects an Astronics USB 429 interface peripheral to a standard ARINC 615-3 53-pin connector.

Part Number: 16080

- Length: 10 ft (3m)



53-pin to 31-pin Adapter Cable (ARINC 603)

Adapter cable converts 53-pin ARINC 615-3 data loader cable to 31-pin ARINC 603 connector.

Part Number: 16081

- Length: 1 ft (0.3m)



USB 717 to Aircraft Cable

Aircraft test cable connects an Astronics USB 717 interface peripheral to a Boeing System Test Plug.

Part Number: 16078

- Length: 10 ft (3m)



CONTACT & SUPPORT

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