



USB Adapters; UA1000

MIL-STD-1553: MONITOR Only	
1 Monitor Only MIL-STD-1553 Channel One Dual-Redundant, Monitor Only Channel	UA1110
w/ CoPilot Analyzer	CP-UA1110
2 Monitor Only MIL-STD-1553 Channels Two Dual-Redundant, Monitor Only Channels	UA1111
w/ CoPilot Analyzer	CP-UA1111
4 Monitor Only MIL-STD-1553 Channels Four Non-Redundant Monitor Only Channels	UA1140
w/ CoPilot Analyzer	CP-UA1140

MIL-STD-1553 Protocol	
1 Single-Function 1553 Channel One Dual-Redundant, Single-Function BC, RT(31), or Monitor Channel	UA1120
w/ CoPilot Analyzer	CP-UA1120
2 MIL-STD-1553 Channels One Dual-Redundant, Single-Function Channel and One Dual-Redundant, Monitor Only Channel	UA1121
w/ CoPilot Analyzer	CP-UA1121
2 Single-Function 1553 Channels Two Dual-Redundant, Single-Function BC, RT(31), or Monitor Channels	UA1122
w/ CoPilot Analyzer	CP-UA1122
1 Multi-Function 1553 Channel One Dual-Redundant, Multi-Function BC, RT(31), and Monitor Channel	UA1130
w/ CoPilot Analyzer	CP-UA1130
2 MIL-STD-1553 Channels One Dual-Redundant, Multi-Function Channel and One Dual-Redundant, Monitor Only Channel	UA1131
w/ CoPilot Analyzer	CP-UA1131
2 Multi-Function 1553 Channels Two Dual-Redundant, Multi-Function BC, RT(31), and Monitor Channels	UA1133
w/ CoPilot Analyzer	CP-UA1133



ARINC Protocols	
ARINC 717 2R/2T	UA1401
w/ CoPilot Analyzer	CP-UA1401
ARINC 429 1R/1T	UA1410
w/ CoPilot Analyzer	CP-UA1410
ARINC 429 4R/2T	UA1420
w/ CoPilot Analyzer	CP-UA1420
ARINC 429 8R/4T	UA1430
w/ CoPilot Analyzer	CP-UA1430
A429 8R/4T and A717 2R/2T	UA1431
w/ CoPilot Analyzer	CP-UA1431
ARINC 429 12R/4T	UA1440
w/ CoPilot Analyzer	CP-UA1440
ARINC 708 1R/1T	UA1710
w/ CoPilot Analyzer	CP-UA1710
ARINC 708 2R/2T	UA1720
w/ CoPilot Analyzer	CP-UA1720

ARINC 615 Data Loader Kits	
ARINC 429 1R/1T with Avionics Discretes, cable, and case	DL-UA1410-01
w/ CoPilot Analyzer	DL-UA1410-02
ARINC 429 4R/2T with Avionics Discretes, cable, and case	DL-UA1420-01
w/ CoPilot Analyzer	DL-UA1420-02
ARINC 429 8R/4T with Avionics Discretes, cable, and case	DL-UA1430-01
w/ CoPilot Analyzer	DL-UA1430-02
A429 8R/4T and A717 2R/2T with Avionics Discretes, cable, and case	DL-UA1431-01
w/ CoPilot Analyzer	DL-UA1431-02
ARINC 429 12R/4T with Avionics Discretes, cable, and case	DL-UA1440-01
w/ CoPilot Analyzer	DL-UA1440-02

ARINC 717 Test Sets	
HT717-1 Replacement Includes a UA1401, FLT cable (PN 16078), and CoPilot Tool	TS-UA1401-01
HT717-1 Replacement Includes a UA1431, FLT cable (PN 16078), and CoPilot Tool	TS-UA1431-01



COMPETITION SENSITIVE

Astronics Ballard Technology Proprietary Information
Do Not Disclose or Disseminate



USB Adapters; UA1000

Multi-Protocols	ARINC 429 4R/2T	ARINC 429 4R/2T and ARINC 717 2R/2T	ARINC 429 4R/2T and SERIAL (see note)	SERIAL (see note)	EBR-1553 4 Ports
NO MIL-STD-1553 Channel			UA1503 CP-UA1503		UA1505 CP-UA1505
w/ CoPilot Analyzer					
1 Monitor Only MIL-STD-1553 Channel					
One Dual-Redundant, Monitor Only Channel	UA1511	UA1512	UA1513	UA1514	UA1515
w/ CoPilot Analyzer	CP-UA1511	CP-UA1512	CP-UA1513	CP-UA1514	CP-UA1515
1 Single-Function MIL-STD-1553 Channel					
One Dual-Redundant, Single-Function BC, RT(31), or Monitor Channel	UA1521	UA1522	UA1523	UA1524	UA1525
w/ CoPilot Analyzer	CP-UA1521	CP-UA1522	CP-UA1523	CP-UA1524	CP-UA1525
1 Multi-Function MIL-STD-1553 Channel					
One Dual-Redundant, Multi-Function BC, RT(31), and Monitor Channel	UA1531	UA1532	UA1533	UA1534	UA1535
w/ CoPilot Analyzer	CP-UA1531	CP-UA1532	CP-UA1533	CP-UA1534	CP-UA1535
ARINC 708 1R/1T					
	UA1571	UA1572	UA1573	UA1574	
w/ CoPilot Analyzer	CP-UA1571	CP-UA1572	CP-UA1573	CP-UA1574	

NOTE:

SERIAL Port Availability:
4 Ports of RS485 or
2 Ports of RS232 or
2 Ports of RS422

USB Driver Software Options

	Windows Drivers
SW-BTIUSB-LS	Host Linux Drivers
SW-BTIUSB-SS	Solaris Drivers

CoPilot Software (Non-Bundled Pricing) for USB Adapters

SW-429-CP	CoPilot for BTI's ARINC 429 HW
SW-708-CP	CoPilot for BTI's ARINC 708 HW
SW-717-CP	CoPilot for BTI's ARINC 717 HW
SW-1553-CP	CoPilot for BTI's 1553 HW
SW-EBR-CP	CoPilot for BTI's EBR-1553 HW
	2 CoPilot Protocol Bundle
	3 CoPilot Protocol Bundle

Data Loader Software (Sold Separately) for USB Adapters

SW-615-DL	ARINC 615 Data Loader Software
-----------	--------------------------------

USB Adapter Options

/FTO	Flight Test Orange Enclosure
/FXV	Conformal Coating (Parylene)
	Lot charge of \$1000 per order
/NE	No Enclosure

USB Adapters Accessories

Recommended accessories:

- 1ea 16064 cable to gain full access to all IRIG and/or Discrete channels
- 1ea 16087 cable for any MIL-STD-1553 multi-protocol unit
- 1ea 17064 cable for any ARINC 708 multi-protocol unit

