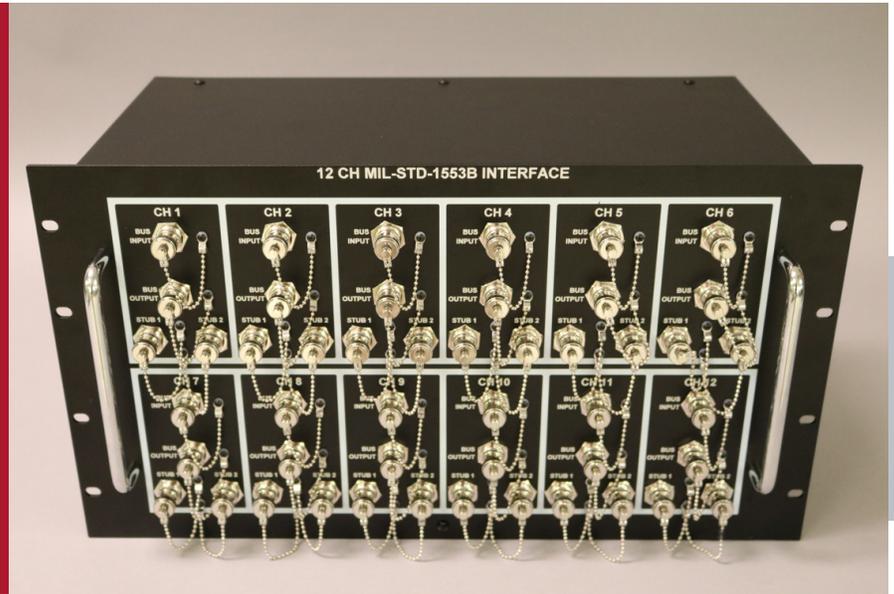


12 Channel MIL-STD-1553B Interface

Extends multiple MIL-STD-1553B busses over longer distances while providing transformer isolated stub coupler monitoring ports.



SPECIFICATIONS

Data Signals

- Channel count: 12
- Terminations: non-terminated
- Common mode rejection: -55dB @ 1MHz
- Cabling: M17/176-00002 200°C

Packaging

- 19" rack mount standard
- Lightweight aluminum chassis 5052-H32
- No cooling required

Connectors

- TRB 3-lug industry standard

Environmental

- Operating temperature range: -55 to 125°C
- Storage temperature range: -55 to 125°C
- Humidity: 5-95%
- Altitude: 3000m
- Cooling: convection

BENEFITS

- Two (2) galvanically isolated stub coupler ports at each end of the bus protect against introducing damaging electrostatic events (ESD)
- Industry standard TRB 3-lug jacks for bus and stub couplers allow signal & data integrity measurements and connectivity



PRODUCT FEATURES

- Up to 12 channels of non-terminated busses provided
- Industry standard TRB 3-lug jacks
- 1:1.41 transformer isolated stub coupler outputs useful for monitoring and signal injection
- Totally passive design requires no input power connections
- Lightweight aluminum enclosure
- 19" rack mountable design with chassis ground lug