

Special Purpose Interconnection Products, cont.

ARINC 629 Bus Cable Assemblies and Terminators

Consult your local Amphenol sales office for further information.



ARINC 629 Cable with Terminators



ARINC 629 Cable with Cable Couplers

OPTIONAL FEATURES

- Intended for use with couplers, see above.
- Cable is manufactured to lengths required by customers.
- The bus cable assemblies can be configured for the entire length of the plane.

APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/	PERFORMANCE ENVIRON./ELECT.
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Twisted pair conductors with a terminating resistor on each end. For data bus assemblies. Cable assemblies are designed for deferred maintenance and high reliability.

Meets ARINC 629 specifications.

For attachment to multiple current mode couplers in a data bus system.

N/A

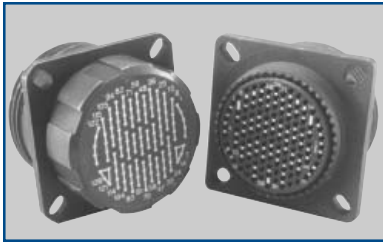
Cables and terminator assemblies meet performance requirements of ARINC 629.

MARKETS

- Military Aircraft Data Bus Systems

Data Bus Wire Integrated Connectors (W.I.C.s)

Consult your local Amphenol sales office for further information.



OPTIONAL FEATURES

- Two styles available: feed-thru or can style

APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/	PERFORMANCE ENVIRON./ELECT.
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Designed to allow the user to combine or redistribute circuits within a data bus system. This can be done in-line with a feed-thru type W.I.C or by mating a plug to a can W.I.C.

Meets the requirements of MIL-STD-1553 data bus systems. Utilizes Tri-Start MIL-DTL-38999 Series III wall mount receptacles with twinax contacts.

Threaded coupling per MIL-DTL-38999 Series III.

Incorporates size 8 twinax contacts in a sealed assembly.

Operating temp. from -65°C to $+200^{\circ}\text{C}$. Meet performance specifications of MIL-STD-1553 and MIL-DTL-38999 Series III connectors.

MARKETS

- Military Aircraft Data Bus Systems

Data Bus Couplers

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OPTIONAL FEATURES

- Available in three styles: In-line, Can and Box
- Ruggedized design with highest MBTF results
- Armored style for the most severe environments

APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/	PERFORMANCE ENVIRON./ELECT.
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For data bus systems. Provides coupling between the main bus and remote terminals, and fault protection from the remote terminal or stub connection. Utilizes a coupling transformer isolation resistors for each stub.

Designed per MIL-STD-1553B. Qualified to a number of national, international and project specifications.

Threaded, bayonet and push-pull coupling.

Crimp rear release, PC tail and solder termination.

Operating temp. from -55°C to $+150^{\circ}\text{C}$. Meets the performance specifications of MIL-STD-1553 and MIL-DTL-38999 connectors.

MARKETS

- Military Aircraft Data Bus Systems
- C4I
- Naval Systems
- Video Transmission Systems