BELDEN

REVConnect® Testing and Troubleshooting Guidelines
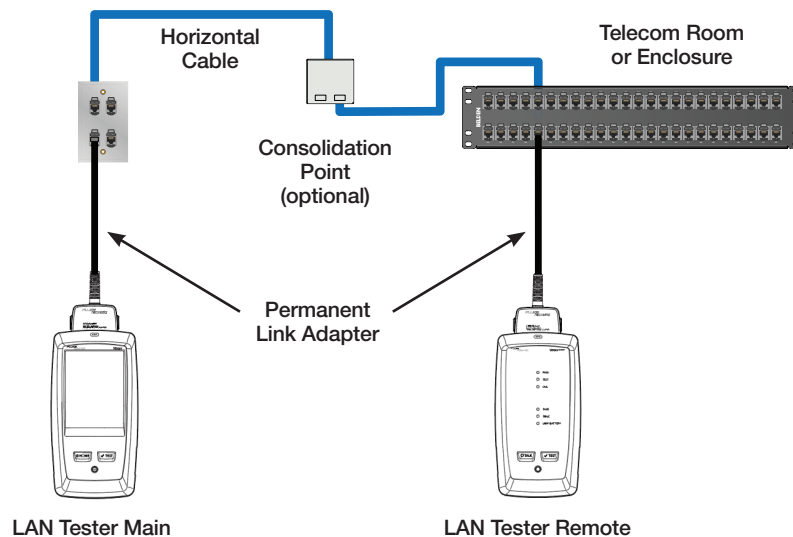## Best practices for installing REVConnect plugs and jacks
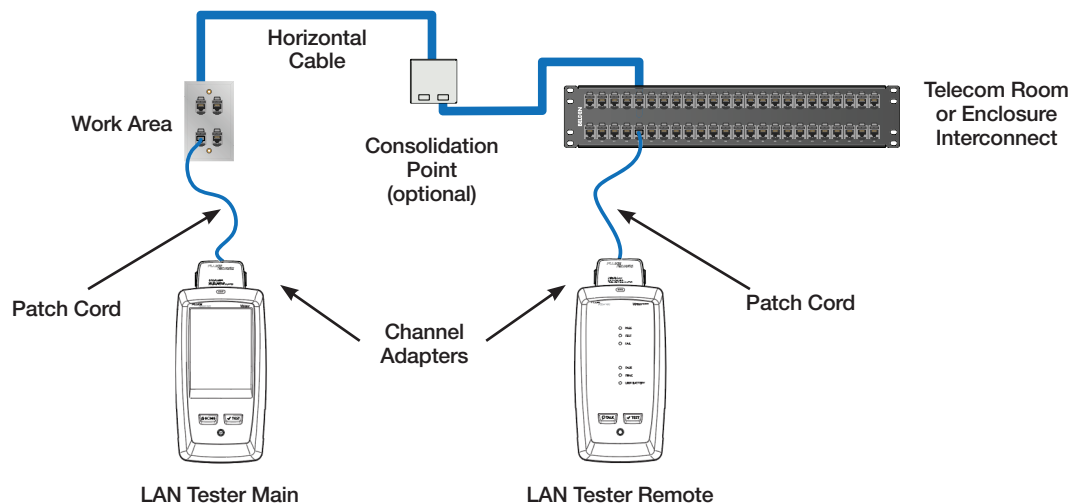
REVConnect product facts:

- Component compliance to standard IEC 60603-7, ANSI/TIA-568.2-D
- and ISO/IEC 11801-1
- UL Listed
- 100% factory tested
- The jack and plug main body is specified for over 750 cycles (typically greater than 1,000 cycles)
- The terminated core is typically greater than 1,000 cycles

*If you have questions contact your local Belden representative.
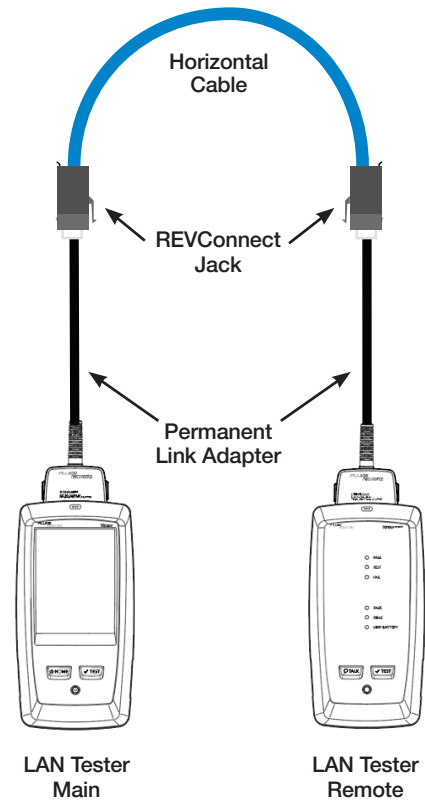
TESTING PERMANENT LINK

Horizontal Cable

Telecom Room or Enclosure

Consolidation Point (optional)

Permanent Link Adapter

LAN Tester Main

LAN Tester Remote

TESTING CHANNEL

Horizontal Cable

Work Area

Consolidation Point (optional)

Telecom Room or Enclosure Interconnect

Patch Cord

Channel Adapters

Patch Cord

LAN Tester Main

LAN Tester Remote

TESTING JACK TO JACK

Requires main and remote field tester, permanent link adapter (x2) and the actual permanent link being tested.

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure.

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

Horizontal Cable

REVConnect Jack

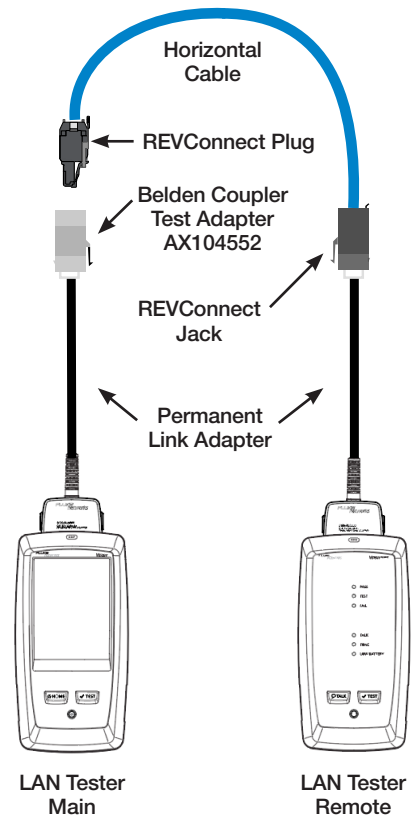Permanent Link Adapter

LAN Tester Main

LAN Tester Remote

TESTING PLUG TO JACK

Requires main and remote field tester, permanent link adapter (x2), Belden Coupler Test Adapter AX104552 and the actual permanent link being tested.

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure.

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

* Equivalent to MPTL standard in 568.2-D

Horizontal Cable

REVConnect Plug

Belden Coupler Test Adapter AX104552

REVConnect Jack

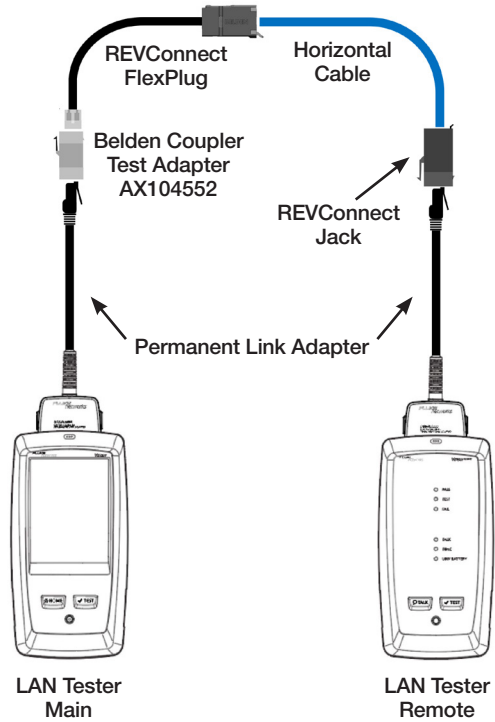Permanent Link Adapter

LAN Tester Main

LAN Tester Remote

TESTING FLEXPLUG TO JACK

Requires main and remote field tester units with permanent link adapters, Belden Coupler Test Adapter AX104552, and the actual link being tested (shown with RVAFFPUBK18 as an example)

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure.

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

* Equivalent to MPTL standard in 568.2-D

REVConnect FlexPlug

Horizontal Cable

Belden Coupler Test Adapter AX104552

REVConnect Jack

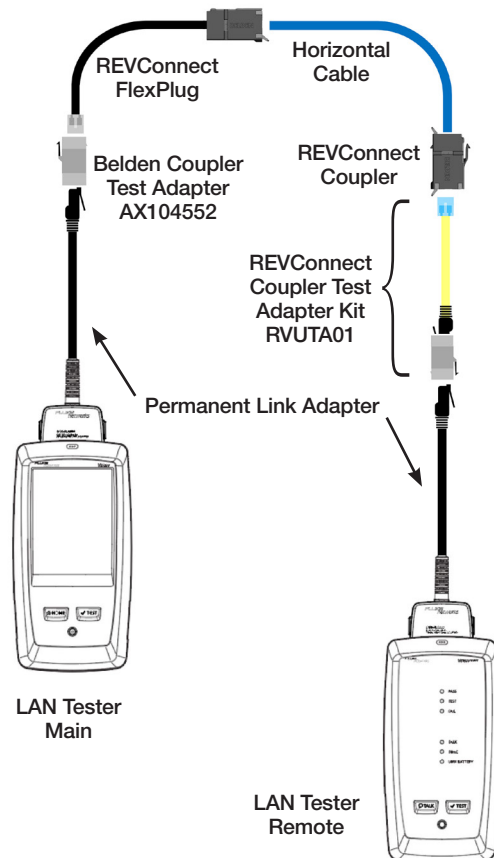Permanent Link Adapter

LAN Tester Main

LAN Tester Remote

TESTING FLEXPLUG TO REVCONNECT COUPLER

Requires main and remote field tester units with permanent link adapters, Belden Coupler Test Adapter AX104552, and the actual link being tested (shown with RVAFFPUBK18 as an example)

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure.

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

* Equivalent to MPTL standard in 568.2-D

REVConnect FlexPlug

Horizontal Cable

Belden Coupler Test Adapter AX104552

REVConnect Coupler

REVConnect Coupler Test Adapter Kit RVUTA01

Permanent Link Adapter
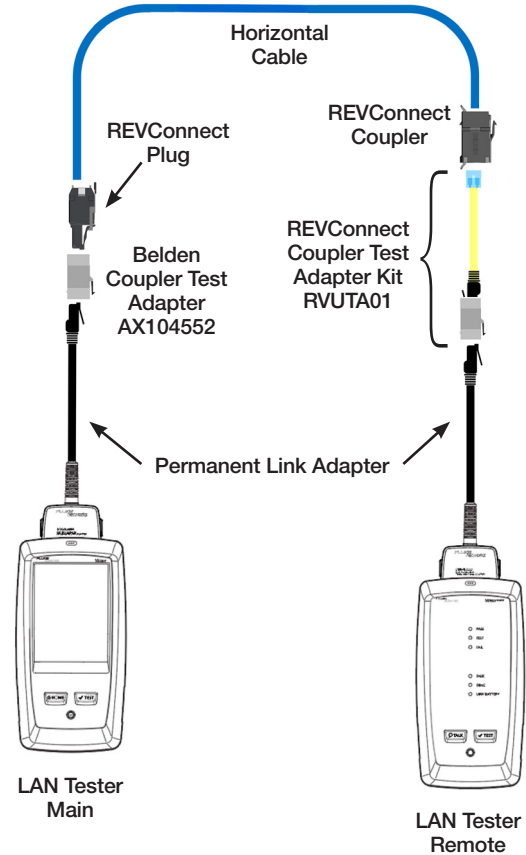
LAN Tester Main

LAN Tester Remote

TESTING PLUG TO REVCONNECT COUPLER

Requires main and remote field tester units with permanent link adapters, Belden Coupler Test Adapter AX104552, and the actual link being tested (shown with RVAFFPUBK18 as an example)

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure.

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).
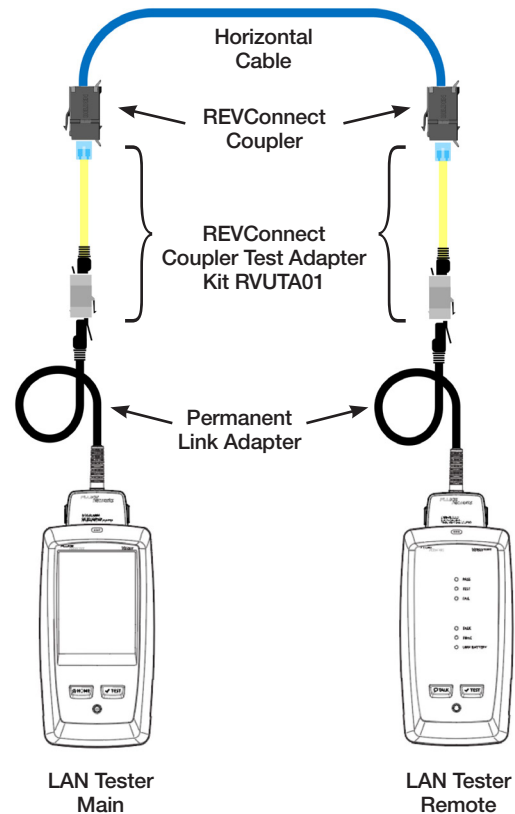
❹ Test all permanent links.

* Equivalent to MPTL standard in 568.2-D

TESTING REVCONNECT COUPLER TO REVCONNECT COUPLER

Requires main and remote field tester units with permanent link adapters, Belden REVConnect Coupler Test Adapter Kit RVUTA01, and the actual link being tested with REVConnect core receptacles (typically a link terminated with REVConnect Coupler RVACPKUBK)

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure. The tester permanent link adapters are connected to the REVConnect Coupler Test Adapter Kit, which is then connected to the link

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

TESTING CORE TO CORE

Requires main and remote field tester units with permanent link adapters, Belden REVConnect FlexPlug Test Adapter Kit RVUTA21, and the actual link being tested terminated with REVConnect Cores RVUCOEW

❶ Install the tester and the remote unit on both sides of the permanent link as shown in the figure. The tester permanent link adapters are connected to the REVConnect FlexPlug Test Adapter Kit, which is then connected to the link

❷ Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).

❸ Select the "permanent link" limit with the appropriate category and standards (ISO or TIA).

❹ Test all permanent links.

Horizontal Cable

REVConnect Core

REVConnect Coupler Test Kit RVAUTA21

Permanent Link Adapter

LAN Tester Main

LAN Tester Remote