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

TESTING CHANNEL
REVCONNECT TESTING AND TROUBLESHOOTING GUIDELINES

**TESTING JACK TO JACK**

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

1. Install the tester and the remote unit on both sides of the permanent link as shown in the figure.
2. Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).
3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).
4. Test all permanent links.

**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.

1. Install the tester and the remote unit on both sides of the permanent link as shown in the figure.
2. Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).
3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).
4. Test all permanent links.

* Equivalent to MPTL standard in 568.2-D
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)

1. Install the tester and the remote unit on both sides of the permanent link as shown in the figure.
2. Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).
3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).
4. Test all permanent links.

* Equivalent to MPTL standard in 568.2-D

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)

1. Install the tester and the remote unit on both sides of the permanent link as shown in the figure.
2. Select the cable type to be tested (Cat 5e, Cat 6 or Cat 6A).
3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).
4. Test all permanent links.

* Equivalent to MPTL standard in 568.2-D
**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)

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

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

3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).

4. 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)

1. 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.

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

3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).

4. Test all permanent links.
REVCONNECT TESTING AND TROUBLESHOOTING GUIDELINES

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 RVU COEW

1. 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.

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

3. Select the “permanent link” limit with the appropriate category and standards (ISO or TIA).

4. Test all permanent links.