Test your Cat6ᴀ patch cords in 9 sec from both ends, and test twice as manypatch cords per replaceable jack

Psiber Data launches the industry's best Patch cord test solution overcoming the severe inefficiencies with existing products in the market. Read more to find out how the new Patch Cord solution for WireXpert is the most optimum solution in the world today!

Key Benefits

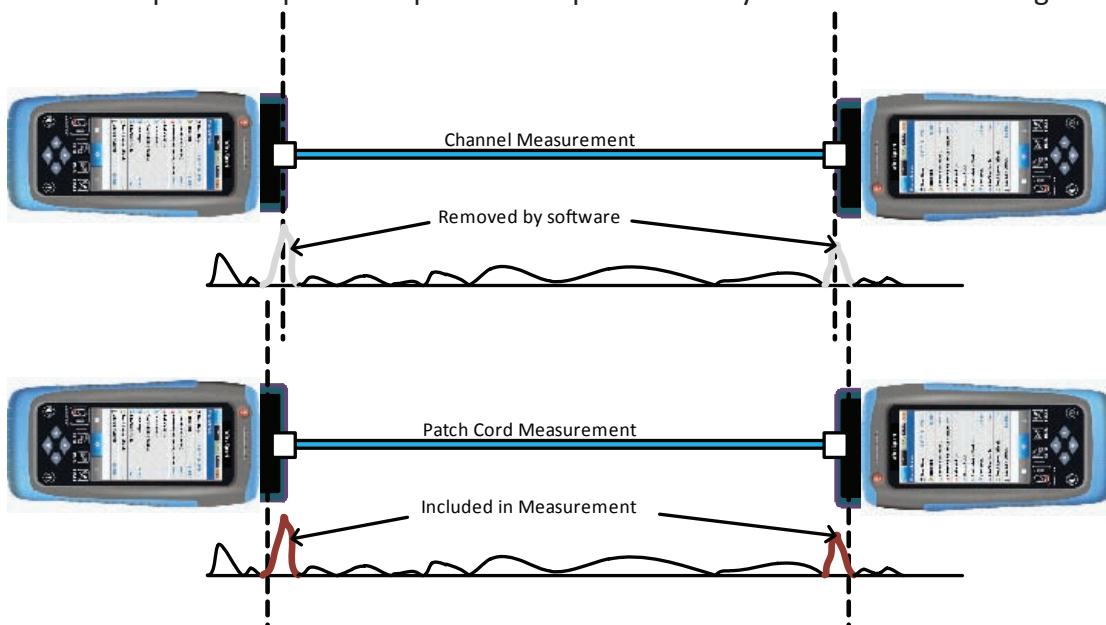- Reduce your testing time by a factor of 5 with the with a 9 sec CAT6ᴀ Patch Cord test

- Test both ends of a patch cord in a single test

- Reduce your running costs by half by doubling the life-cycle of each "replaceable" jack

- Test both ends of a patch cord in a single test

- Avoid maintaining multiple records and reports for a Patch Cord. WireXpert gives you one page report for a Patch Cord

Why test Patch Cords?

Over the years, one of the significant reasons for a cable infrastructure failure has been the use of faulty patch cords. The standards bodies which standardize the structured cabling installations like the TIA/ISO have tried to address this problem since the last decade with stringent requirements qualifying the Patch Cords. But the trouble has always been the availability of an optimal solution for carrying out the tests. The solutions in the market are either too expensive with impractical running costs or took too much time to make such testing prohibitive. But now with the Industry's best Patch Cord testing solution from Psiber allows you to carry out such testing with one click of a button.

Channel Test Vs Patch Cord Testing

The primary difference between a Channel test and a Patch cord test lies at the "plug-jack" mating of the adapter. In a channel test, the mating is excluded from the qualification criteria whereas in the case of a Patch Cord test the mating is included in the qualification criteria. As a result, Patch Cord testing puts significant emphasis on the RJ45 jack of the adapter and special adapters are required to carry out Patch Cord testing.
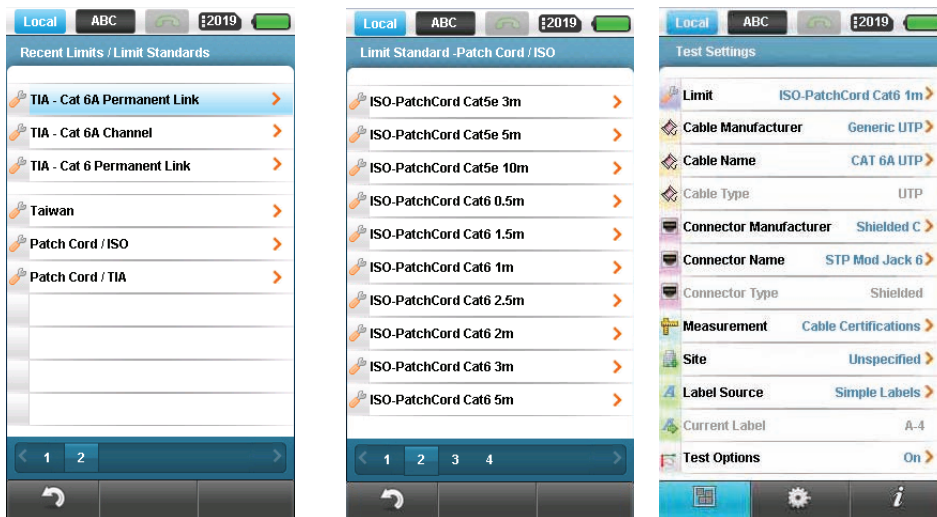
Testing Patch Cords using WireXpert

Testing Patch Cords using WireXpert is very similar to performing a channel test. The difference lies in the selection of appropriate limits and selection of an appropriate adapter depending on the category of cable that is used. TIA 568 C.2 and ISO 11801 require the use of specialized RJ45 jacks for each of Cat5e, Cat6, and Cat6$_A$ testing. This requirement mandates the use of three seperate adapters for testing Cat5e, Cat6, Cat6$_A$ each. All the patch cord adapters for WireXpert are shielded, the same adapters can be used for testing both shielded and unshielded patch cords.
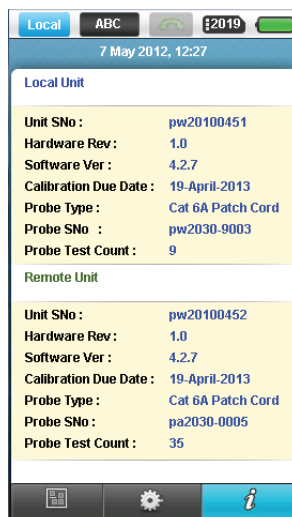
Selecting a Test Limit

Selection of test limit for a patch cord adapter should be based on the length of the patch cord being tested along with the category. On the local WireXpert unit, click on the setup menu and select the test limit.

Choosing the right adapter

Ensure the appropriate Patch Cord adapter is selected for the category of cabling being tested. The type of adapter used for testing is available in the information page of the setup menu in WireXpert. Psiber offers three different Patch cord adapters each for Cat5e, Cat6, Cat6a solution. Please look at ordering information for detailed information on the part numbers.
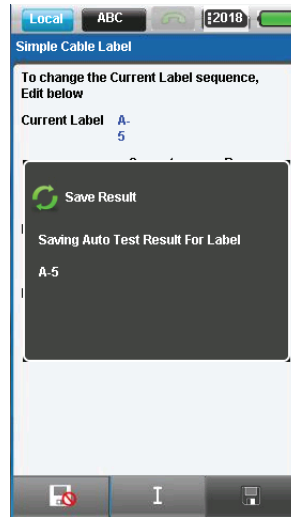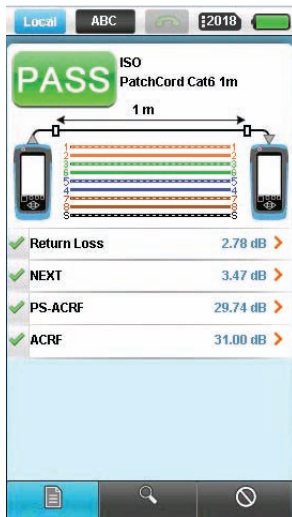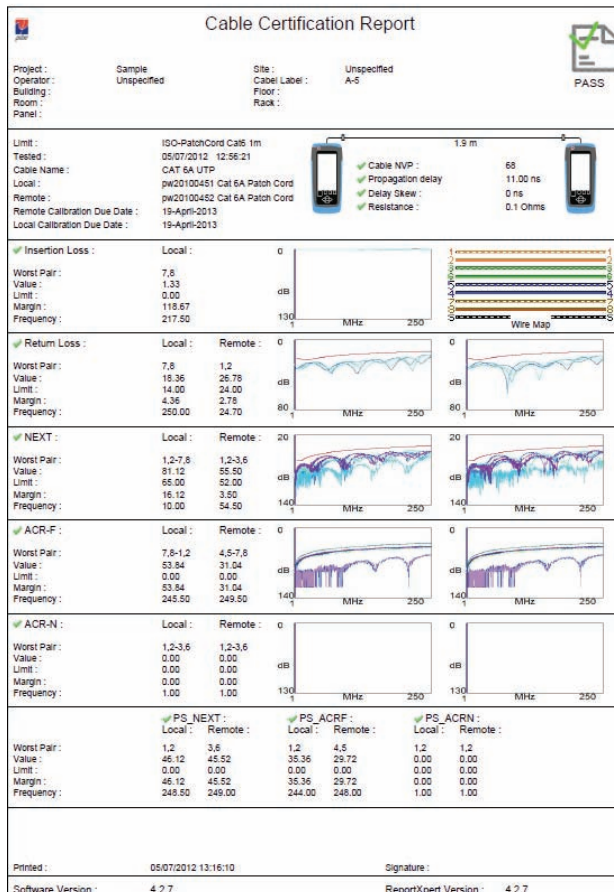
Performing Test and generate Reports

Once the connection is made between the local and remote WireXpert using the Patch cord under test, Autotest can be performed by just clicking the Autotest icon. You are only required to test once per patch cord, and both the ends of a patch cord get tested in 9 seconds.

Once the test is complete, the reports can be exported using a USB flash drive and the results can be consolidated using the PC software ReportXpert. WireXpert provides a single page test report per patch cord providing both local and remote end results in a single page report.

Ordering Information

Part Number	Description
WX_AD_6A_PCORD2	A pair of Cat6a shielded patch cord adapters suitable for testing both shielded and unshielded patch cords. Test heads are replaceable.
WX_AD_6_PCORD2	A pair of Cat6 shielded patch cord adapters suitable for testing both shielded and unshielded patch cords. Test heads are replaceable.
WX_AD_5e_PCORD2	A pair of Cat5e shielded patch cord adapters suitable for testing both shielded and unshielded patch cords. Test heads are replaceable.
WX_AD_6A_PCTEST_JACK2	A pair of Cat6A shielded test jack for replacing existing jacks on the Cat6A adapter
WX_AD_6_PCTEST_JACK2	A pair of Cat6 shielded test jack for replacing existing jacks on the Cat6A adapter
WX_AD_5e_PCTEST_JACK2	A pair of Cat5e shielded test jack for replacing existing jacks on the Cat6A adapter

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