

WireXpert Patch Cord Test Solution



Test your CAT6A patch cords in 9 sec from both ends, and test twice as many patch 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

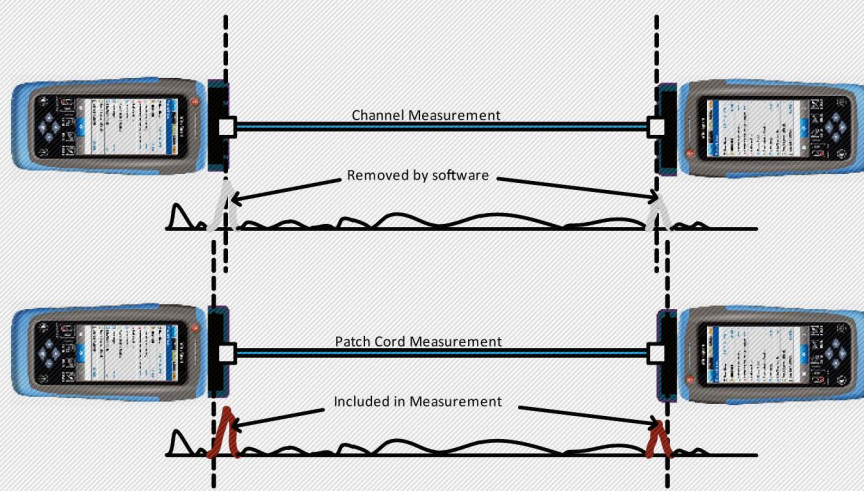
- Reduce your testing time by a factor of 5 with the 9 sec CAT6A Patch Cord test
- Test both ends of a Patch Cord in a single test
- Reduce your running costs by half by doubling the life-cycle of each "replaceable" jack
- Avoid maintaining multiple records and reports for a single Patch Cord. WireXpert 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 for 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 were either too expensive with impractical running costs, or took too much time, causing such testing prohibitive. But now the Industry's best Patch Cord testing solution from Psiber allows you to carry out such testing with the 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. This is the reason patch cord adapters are different from channel adapters.



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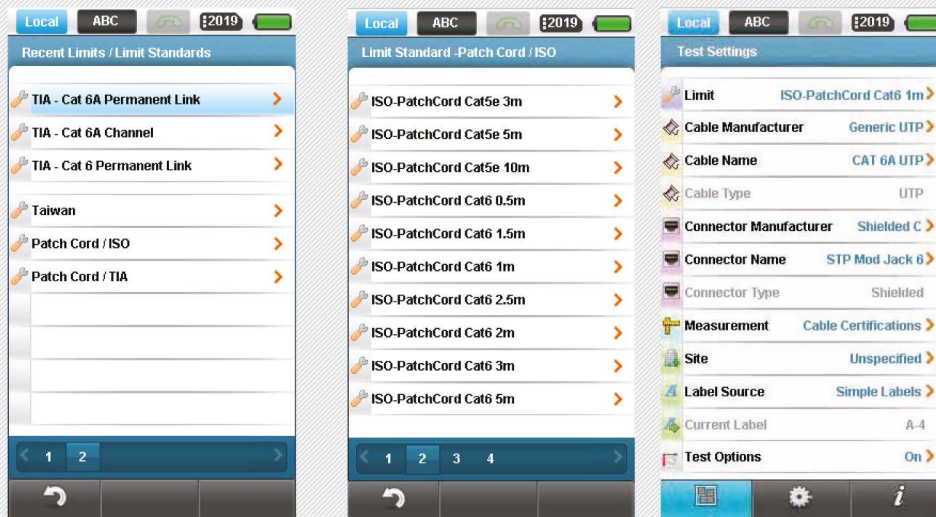


Testing Patch Cords using WireXpert

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 CAT6A testing. This requirement mandates the use of three separate adapters for testing CAT6 and CAT6A. WireXpert patch-cord 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 that 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.

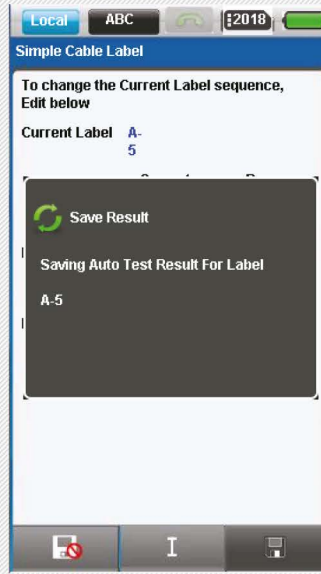
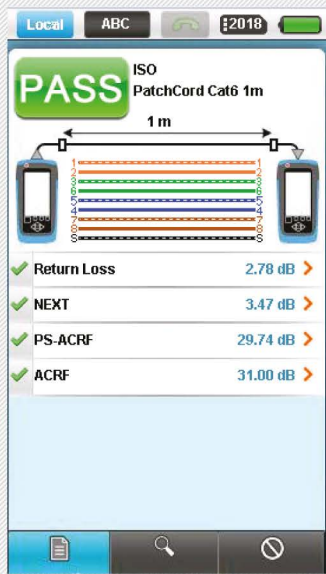


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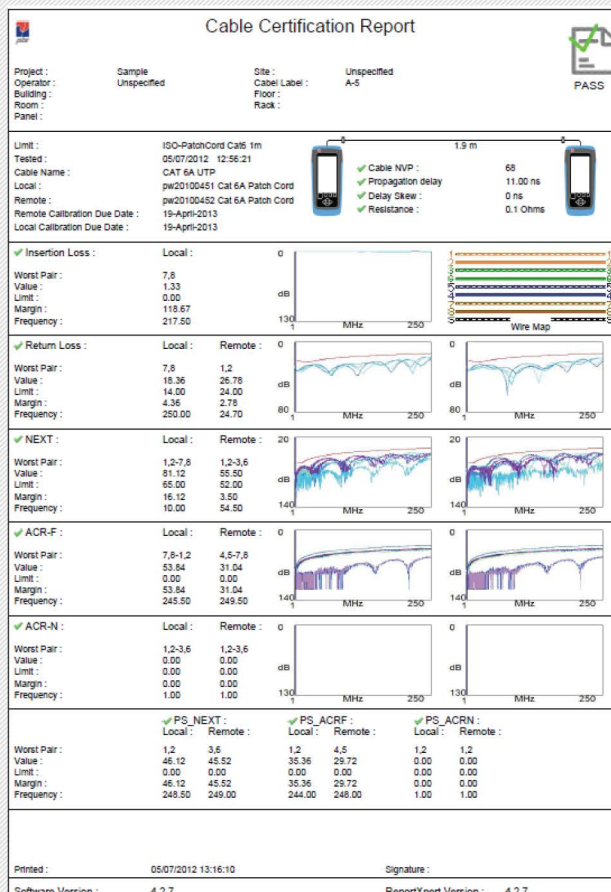


Performing Test and generate Reports

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 results from both ends in a single page report.



Expenses breakdown for using WireXpert Cat6A Patch Cord Test



The table below shows how you can save more than USD \$2.2k per month by switching to WireXpert for Patch Cord testing.

Operational Cost Item	WireXpert	Other solutions	Remarks *
Testing one Patch cord	10 sec	50 sec	Lower the Better
Patch Cords tested per pair of test Jacks *	10,000	5,000	Higher the better
Time Needed for testing 10000 patch cord (hours)	28	139	Lower the Better
Man Power Cost (USD \$) **	560	2,780	Lower the Better
Saving per Month using WireXpert :	USD \$ 2,220 (62%)		

* Standard Insertion cycles of Cat6A Jack = 10,000
 ** EST. of Manual Wage of Testers = USD \$20/hr

The savings pay for the cost of WireXpert in just **4 Months !!**

WireXpert Patch Cord Test Solution



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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