Twisted Pair Certification Testing Methods

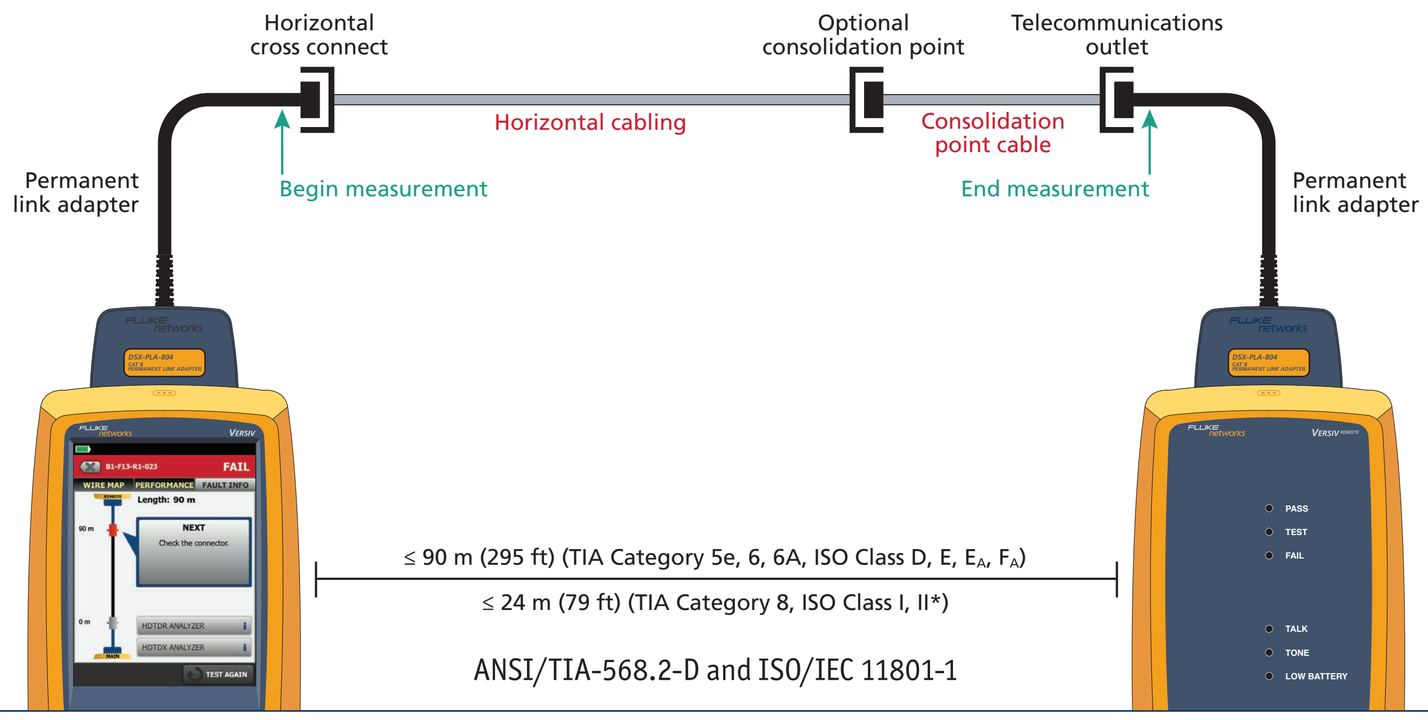
Permanent Link Certification

When is permanent link testing appropriate?

The permanent link test is used to certify the permanent cabling infrastructure and is typically conducted during the installation phase of the network.



Permanent Link Adapters



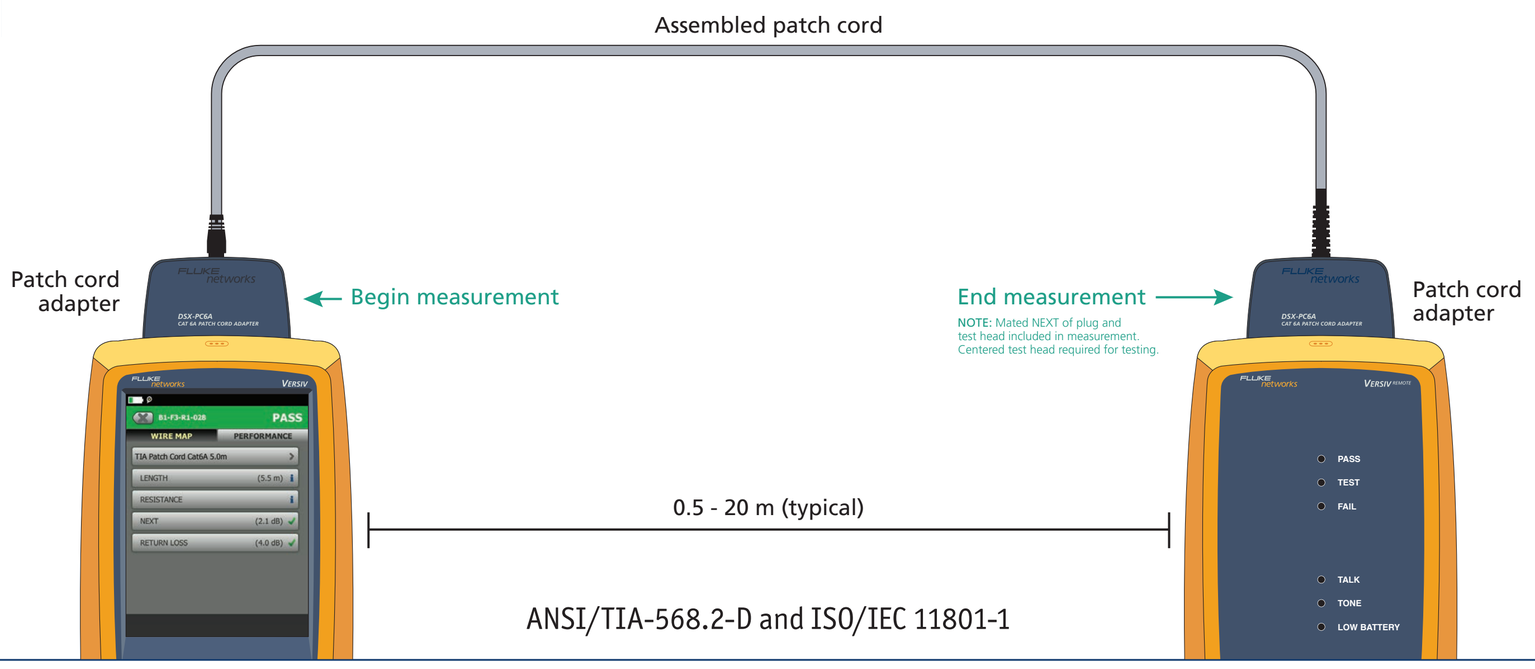
Patch Cord Certification

When is patch cord testing appropriate?

Patch cord testing is used to quickly verify whether a patch cord meets industry performance specifications, and to ensure channel compliance when used with a compliant PL.



Patch Cord Adapters



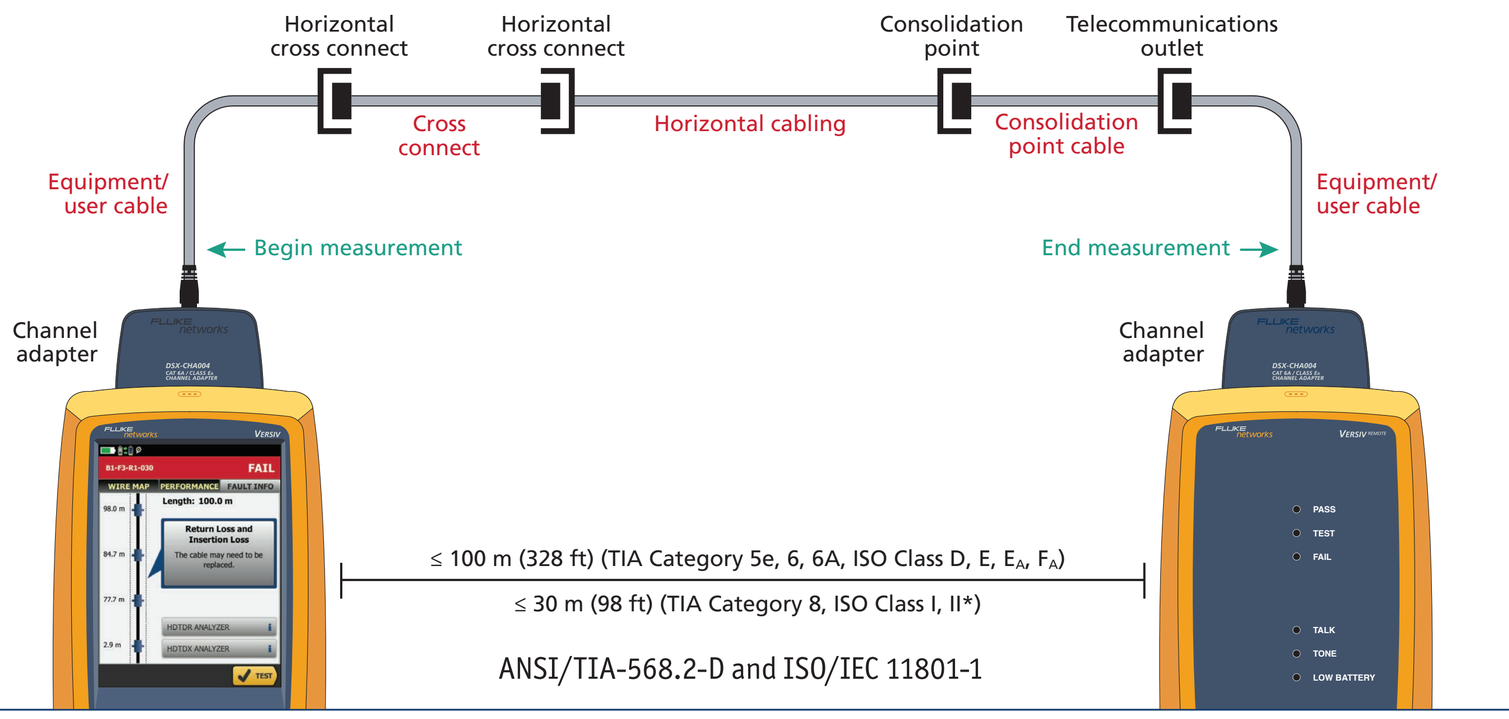
Channel Certification

When is channel testing appropriate?

The channel test involves everything in the permanent link test, plus the patch cords in the work area, and those used for interconnection and/or cross connection. Channel certification only occurs when patch cords are in place and it is guaranteed that they will not be swapped out or reversed .



Channel Adapters

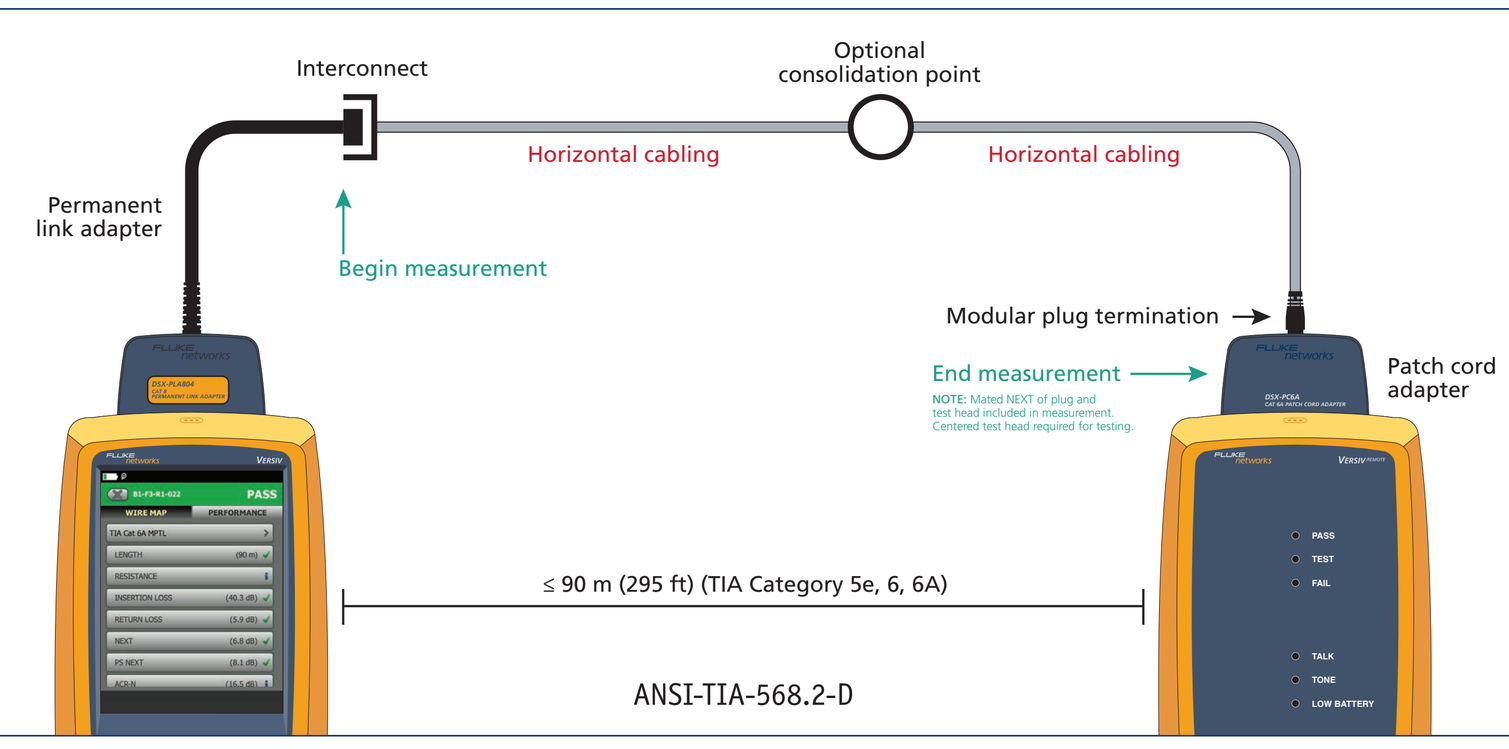


Modular Plug Terminated Link Certification

The modular plug terminated link has an interconnect (modular jack) on one end and a modular plug on the other, and is tested on one end with a permanent link adapter and the other with a patch cord adapter. The MPTL is used in applications where a patch cord is unnecessary or inconvenient such as LED lighting, security, and wireless access points.



Permanent Link and Patch Cord Adapters



*Cross connects and consolidation points are not allowed for Cat 8 or Class I/II



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For more information contact:
1-800-283-5853
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