

COMMON SCENARIOS			
Reflection Limit icon blinking	Is the incident a patch cord?	Yes Fiber OneShot PRO may identify two closely spaced connectors, resulting as a single incident with high reflectance. Go to Patch Cord Remediation ▲	
		No Go to Connector Remediation ●	
Loss Limit icon blinking	Is the incident a patch cord?	Yes Fiber OneShot PRO may identify two closely spaced connectors as a single incident. If they are within 15 meters of each other, the two individual losses may be added together and assigned to one of the connections. If your loss threshold setting is appropriate for the sum of two connectors, go to Patch Cord Remediation ▲ otherwise adjust the setting and retest.	
		No If the incident is a connector go to Connector Remediation ● otherwise go to High Loss Remediation ◆	
Incident detected after the link's expected end	The link under test most likely contains a highly reflective connector.	A highly reflective connector may cause Fiber OneShot PRO to display a nonexistent incident after the link's end. The highly reflective connector will be located at ½ the distance of the false incident. Remediate the connector by following the steps for Reflection Limit icon blinking Common Scenario .	
Expected incidents or links not found	Is the "missing" incident either end of a patch cord 15 meters or shorter?	Yes Due to testing variables, Fiber OneShot PRO occasionally cannot "see" connections <15 meters apart. A certifying OTDR is recommended to troubleshoot these situations.	
	Is the "missing" incident a splice?	Yes A low loss splice may not be found and does not require remediation.	
	Is the "missing" incident a connector with low loss and low reflection?	Yes If a connector has a reflection of <-60dB it may not be found and does not require remediation.	
Link shorter than expected	Link may be broken	Use a visual fault locator to investigate the link at the distance Fiber OneShot PRO identifies as the END or BREAK After remediation retest with Fiber OneShot PRO to verify no other issues exists.	
		Link may have connector that is not fully seated	Investigate patch panel at distance Fiber OneShot PRO identifies as the BREAK or END. Re-seat the connector. After remediation retest with Fiber OneShot PRO to verify no other issues exists.
	Link may have very high loss incident		A high loss incident may be a damaged connector, go to connector remediation. A high loss incident may be a cracked or partially damaged connector, go to High Loss Remediation ◆
		A high loss incident may be a poor splice, go to High Loss Remediation ◆	
	The Fiber OneShot PRO troubleshooter displays 0 m, 0 ft, or a very short length.		The connection to the troubleshooter is bad or contaminated. A break, bad connection, or the end of the fiber is less than approximately 2m from the troubleshooter.

REMEDIATIONS	
Patch Cord Remediation ▲	Inspect, clean, inspect both ends of the patch cord and patch panel connectors before retesting.
	If same incident fails then replace patch cord. Inspect, clean, inspect, retest.
	If same incident fails then re-terminate one patch panel connector and reconnect patch cord before retesting.
	If same incident fails then re-terminate the other patch panel connector and reconnect patch cord before retesting.
If same incident fails, an OTDR may be required for more robust troubleshooting.	
Connector Remediation ●	Inspect, clean, inspect both halves of the connector and retest.
	If same incident fails then re-terminate one half of the connector and retest after inspecting, cleaning, and inspecting.
	If same incident fails then re-terminate the other half of the connector and retest after inspecting, cleaning, and inspecting.
If same incident fails, an OTDR may be required for more robust troubleshooting.	
High Loss Remediation ◆	Use a visual fault locator to investigate the link at the distance Fiber OneShot PRO identifies as the END or BREAK
	After remediation retest with Fiber OneShot PRO to verify no other issues exists.

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