

NFKx-LAUNCH

Launch Fiber

Instruction Sheet

The NFKx-LAUNCH launch fibers are used with the OF-500 OptiFiber™ tester during OTDR tests. Using a launch fiber lets the tester measure the loss of the first connector in the cabling. You may also use a NFKx-LAUNCH fiber as a receive fiber. Using a receive fiber lets the tester measure the loss of the last connector in the cabling.

A launch fiber comes with the following:

- Instruction sheet
- Warranty registration card

Launch Fiber Models and Specifications

Model	Zipper Color	Specifications
NFK1-LAUNCH	Gray	62.5/125 µm multimode launch fiber, 100 m, SC/SC connectors with UPC polish
NFK2-LAUNCH	Aqua	50/125 µm multimode launch fiber, 100 m, SC/SC connectors with UPC polish
NFK3-LAUNCH	Yellow	9/125 µm singlemode launch fiber, 130 m, SC/SC connectors with UPC polish
NFK1-LAUNCH-ST	Gray	62.5/125 µm multimode launch fiber, 100 m, SC/ST connectors with UPC polish
NFK2-LAUNCH-ST	Aqua	50/125 µm multimode launch fiber, 100 m, SC/ST connectors with UPC polish
NFK3-LAUNCH-ST	Yellow	9/125 µm singlemode launch fiber, 130 m, SC/ST connectors with UPC polish

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Launch Fiber Models and Specifications (cont.)

Model	Zipper Color	Specifications
NFK1-LAUNCH-LC	Gray	62.5/125 μm multimode launch fiber, 100 m, SC/LC connectors with UPC polish
NFK2-LAUNCH-LC	Aqua	50/125 μm multimode launch fiber, 100 m, SC/LC connectors with UPC polish
NFK3-LAUNCH-LC	Yellow	9/125 μm singlemode launch fiber, 130 m, SC/LC connectors with UPC polish
NFK1-LAUNCH-FC	Gray	62.5/125 μm multimode launch fiber, 100 m, SC/FC connectors with UPC polish
NFK2-LAUNCH-FC	Aqua	50/125 μm multimode launch fiber, 100 m, SC/FC connectors with UPC polish
NFK3-LAUNCH-FC	Yellow	9/125 μm singlemode launch fiber, 130 m, SC/FC connectors with UPC polish
NFK2-LAUNCH-E2K	Aqua	50/125 μm multimode launch fiber, 100 m, SC/ E2000 connectors with UPC polish
NFK3-LAUNCH-E2K	Yellow	9/125 μm singlemode launch fiber, 130 m, SC/ E2000 connectors with APC polish

Safety Information

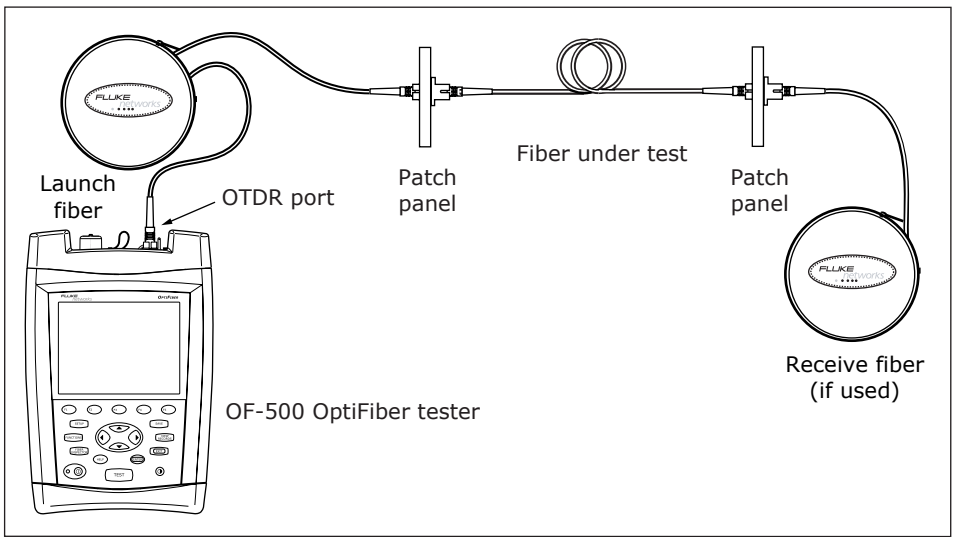
Warning

To avoid possible eye damage caused by hazardous radiation, never look directly into optical output connectors. Some sources produce invisible radiation that can permanently damage your eyes.

Using the Launch Fiber

Figure 1 shows where to connect launch and fibers for OTDR tests. Always clean all connectors before making connections.

To remove the launch and receive fibers' losses and lengths from measurements, use the tester's launch fiber compensation function. See the *OF-500 OptiFiber Users Manual* or the tester's online help for details and additional information on launch and receive fibers.



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Figure 1. Launch and Receive Fiber Connections

Maintenance

Always clean and inspect the launch fiber connectors before making connections. Use either of the following for cleaning:

- Lint-free swabs or wipes moistened with isopropyl alcohol
- Pre-moistened swabs or wipes approved for use on fiber connectors

Use a fiber microscope, such as the Fluke Networks OFTM-5352 FiberInspector™ Video Probe, to inspect fiber endfaces for damage. If a launch fiber endface is damaged, you should replace the launch fiber as it may cause unreliable test results.

Contacting Fluke Networks



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