

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:

- SC/SC adapter
- Instruction sheet
- Warranty registration card

Launch Fiber Models and Specifications

Model	Zipper Color	Specifications
NFK1-LAUNCH	Slate	62.5/125 µm multimode launch fiber, 100 m, SC/SC connectors with UPC polish
NFK2-LAUNCH	Orange	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

Safety Information

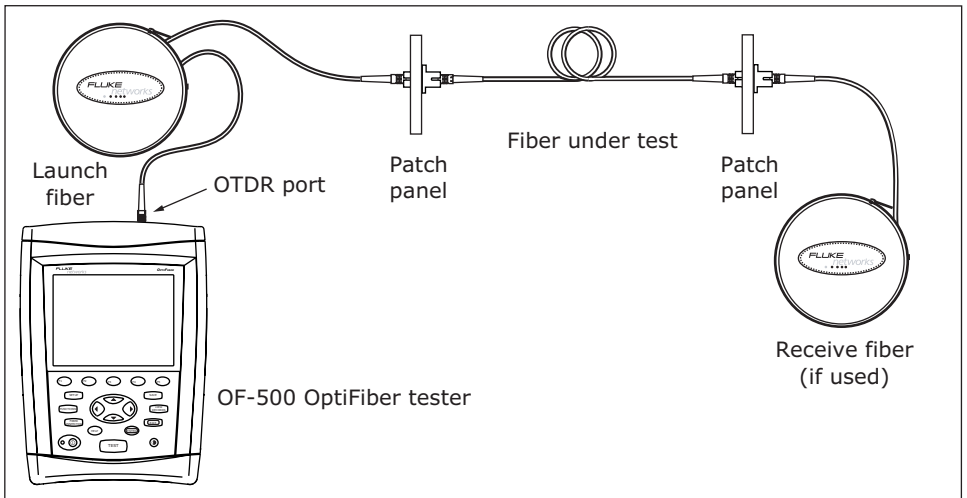
⚠ Warning

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-5350 (250X) or OFTM-5354 (400X) 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.

Replacement Parts

The following replacement parts are available from Fluke Networks for the NFKx-LAUNCH launch fiber. Visit the Fluke Networks website for a complete list of fiber test accessories.

Description	Fluke Networks Model or Part Number
SC/SC adapter	NF310SM
Instruction sheet	1997795

Contacting Fluke Networks

Visit the Fluke Networks website at www.flukenetworks.com. Send email to support@flukenetworks.com.

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Visit our website for a complete list of phone numbers.

LIMITED WARRANTY & LIMITATION OF LIABILITY

Fluke Networks products will be free from defects in material and workmanship for one year from the date of purchase. Parts, accessories, product repairs, and services are warranted for 90 days. This warranty does not cover disposable batteries, cable connector tabs, cable insulation-displacement connectors, or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke Networks' behalf. To obtain service during the warranty period, contact your nearest Fluke Networks authorized service center to obtain return authorization information, then send your defective product to that Service Center with a description of the problem.

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