

Fiber Farm®

Device to Eliminate Dead Zone

No matter how advanced technology is developed for OTDR, Dead-Zone always exists. Due to the dead zone, OTDR cannot distinguish signal changes and subsequently cannot actually measure the loss caused by fibers, splicers, connectors or any segment located within the zone. OTDRs try to shoot optical pulse as small as possible. This effort can only make the dead zone smaller, but cannot eliminate it.

How can OTDR “see” the segments in the dead zone? FibreOptica’s Fiber-Farm device can help an OTDR user overcome the issue. The device has a built-in fiber inside. The fiber length is longer than the dead zone that makes itself in the dead zone but brings segments to be tested out of the zone. It is designed that an OTDR operator simply places it in front of the fiber to be tested. It can also be used in laboratory or field trouble shooting or installation. The device allows fiber length up to 2km and both single mode and multimode are available. Customer can also choose bulkhead type and fiber-lead type.

Technical Specifications

Fiber Type	9/125µm SM
Typical Loss * (for 200 meters)	≤ 0.2dB @1310nm ≤ 0.2dB @1550nm
Dimension (mm)	140 x 140 x 4
Maximum Length**	1500 meters
Casing Material	Metallic
Weight (without fiber)	470g
Operating Temperature	-40°C ~ 55°C

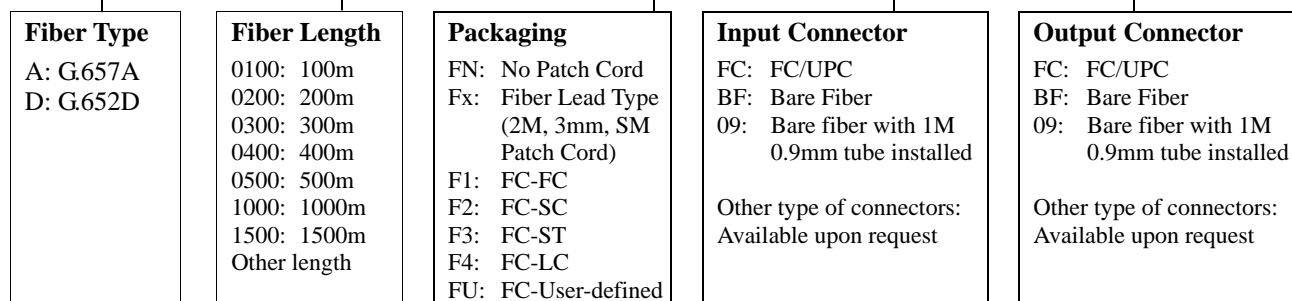
* Excluding adapter loss

** 1500-2000m can be made up on request



ORDERING INFORMATION

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Example: FFF-SM-D-0200-FN-FC-FC (Single mode, G.652D fiber, 200m long, no Patch Cord, FC-FC connectors at both ends)

Standard Package

- FFF-Case: Metallic Casing
- Soft Carrying Bag with shoulder belt
- FC/UPC Connectors at both ends
- Fiber Length: 200M

Option

- 2M, 3mm, SM Patch Cord