

CT-13

OTDR Launch Cable Box/ Dead Zone Eliminator



Portable Test Fiber Launch Box provides a calibrated span of optical fiber to evaluate near-end connectors and anomalies in network fiber systems. The Launch Box is placed between the system under test and an OTDR (Optical Time Domain Reflectometer) to improve the OTDR's ability to identify passive system components and abnormalities during system qualification and troubleshooting.

Full-Featured Design Offers Maximum Protection and Versatility

Our full-featured design stores both the optical fiber and access connectors in a light-weight, rugged transit case that protects the sensitive optical components against harsh outside plant installation and maintenance environments. For long haul testing, CT-13 Launch Boxes are capable of holding single-mode or multimode fiber lengths up to 25 kilometers. Custom lengths and various connector styles are available, providing ultimate convenience and portability.

Get the Whole Picture

An OTDR's inability to detect near-end fiber optic connectors at the patch panel severely reduces its testing effectiveness. This is due to the relatively slow recovery time of laser pulses reflecting off the OTDR bulkhead connector and subsequently being displayed on the monitor. Using a properly calibrated portable launch box is the solution. The number of backscatter data points is increased via the launch box prior to the first connector pair. A reflective pulse on the OTDR screen then properly depicts the patch panel connection.

The Confusion with Fusion

Unlike other launch boxes, CT-13 Launch Box is directly connection to provide a continuous, high quality link for testing. A fused pigtail within several meters of each connector tip cannot be independently identified on the OTDR and increases the apparent loss of each connector. This reduces the near-end measurement accuracy of the OTDR. CT-13 Launch Box is fuse free to deliver optimum test results.

Specifications

- ◇ Fiber Types: SM / MM
- ◇ Fiber Length: 500M / 1000M / 2000M
- ◇ Dimensions: (24.5cm x 13.8cm x 6cm)
- ◇ Weight: < 4 lbs. (0.9kg)
- ◇ Temperature Range: -40° F to 122° F (-40°C to 50°C)
- ◇ Humidity: 0 to 95%
- ◇ Connector Type: FC, SC, ST, LC, MTRJ – Ultra and Angled Varieties (other styles available upon request)