

Introduction:

Fiberdyne presents the OTDR (Optical Time Domain Reflectometer) Pulse Suppression Box. This device is also known as a “dead-zone eliminator.” This box is a valuable addition to a fiber-optic tool kit. It is a durable replacement for spooled, fiber-optic cable assemblies, which quickly wear out from high usage.

Conceptual Usage:

OTDR pulses must traverse a minimum distance before the OTDR can take meaningful measurements. This “pulse suppression” is served by Fiberdyne's OTDR Pulse Suppression box. Insert the Pulse Suppression Box between the OTDR and the subject fiber link. The Pulse Suppression box provides the extra fiber length, required for near-end OTDR measurements, such as insertion loss and reflectance.

Features:

- Rugged Design
- Dust/water resistant packaging for long-term durability
- Integral fiber management of pigtails
- Manufacturer Direct Savings

Standard Configurations:

- Fiber-management hubs and connector-capture for storage
- Pigtailed fiber connections
- Corning fiber (typical)
- Packaging: injection-molded, gasket-sealed, carry case
 - Rigid molded-in handle
 - Snap latches on front
 - Full length hinge with stainless-steel hinge pins
 - Standard color: black
 - Submersion Test Depth: 1 meter
- Materials:
 - High impact ABS
 - Silicone rubber o-ring
 - Aluminum internal mounting plate with Nylon fiber management

Options:

- Single-mode or Multimode configurations
- Pulse-suppression length: 500 or 1100 meters
- Connectors: SC, ST, FC, LC
- Miniature module version with bulkhead adapters is available
- Customization is available for special applications

Specifications:

<i>Item Description</i>	<i>Unit</i>	<i>Value</i>
Wavelength, Input/Output - Multimode - Single-mode	nm	830-870, 1290-1340 1260-1360, 1460-1620
Optical Power, Max	mW	300
Temperature – Operating *	°C	-40 to +75
Temperature – Storage *	°C	- 40 to + 85
Weight (typical)	kg (lbs)	0.9 (2.0)
Package Size	cm (inch)	22.4 W x 20.1 D x 8.6 H (8.8 W x 7.9 D x 3.4 H)