

# Dead Zone Eliminator®

## OTDR Launch Cable / Test Box

### Series 4 Low Profile Handheld Module

# Launch Lead



## Features / Benefits

- Hinged magnetic protective cover for leads. Lid can be closed when leads are extended.
- Use as a Pulse Suppressor, OTDR Launch Cable, Delay Line, Training, Product Demonstrations, Calibration
- Prevents fiber damage and stress during use or transportation
- Small/Low profile design portable for field use
- Custom length configurations available for OTDR applications
- Singlemode, Multimode 62.5/125, Multimode 50/125 OM2 and Multimode 50/125 OM3
- Connectors meet or exceed Telcordia Specifications

## Applications

- OTDR Launch Cable/Lead
- Equipment Calibration
- System emulation of loss, length, time delay and reflectance

## Description

The Dead Zone Eliminator® is designed to aid in the testing of fiber optic cable when using an OTDR to help minimize the effects of the OTDR's launch pulse on measurement uncertainty.

Units are available in any length up to 2500 meters. Simply specify the fiber type required, length and the connector choice for the input and output lead. Standard lead length is 2 meters.



- Protective Lid can be closed when leads are extended

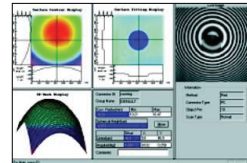
# Dead Zone Eliminator®

OTDR Launch Box - Series 4

## Specifications

### Series 4 Dead Zone Eliminator® OTDR Launch Box

<i>Dimensions</i>	Length 4.95", Width 4.9", Height *2" (*Lengths over 1100 meters will measure 3" high)
<i>Material</i>	Poly-propylene and Delrin®
<i>Fiber Length (m)</i>	Up to 2500
<i>Fiber Types</i>	Singlemode 9/125, Multimode 62.5/125, Multimode 50/125 OM2, Multimode 50/125 OM3
<i>Lead Length</i>	2 Meters, 3mm buffer
<i>Insertion Loss</i>	<0.3 dB/km typical, <0.5 dB/km max
<i>Back Reflection (RL)</i>	<-55 dB
<i>Mating Reliability</i>	<.2 dB
<i>Connector Geometries</i>	All connectors meet or exceed Telcordia GR-326 Core Specification. <i>Apex Offset:</i> 0-50um <i>Radius of Curvature</i> 7-25 nm <i>Fiber Height</i> -50 to 50 mm <i>Fiber Roughness</i> 0-25 nm <i>Ferrule Roughness</i> 0-50 nm
<i>Storage Temp.</i>	-40° to +85° C
<i>Operating Temp.</i>	-40° to +85° C
<i>Humidity</i>	0 to 95%, non-condensing
<i>Weight</i>	10 oz. (w/out fiber)
<i>Warranty*</i>	1 year



## Part Number Table

The Dead Zone Eliminator® is available with Singlemode 9/125, Multimode 62.5/125, Multimode 50/125 OM2 and Multimode 50/125 OM3 fiber. The diagram shown below displays the part number template for ordering. Please choose the **Connector Code** for the leads (input and output), **Fiber Code** for the type of fiber you require and the **Length** (in meters). For example, a 1000 meter singlemode unit with FC connectors on both leads would be D4141-S1000. Standard lead length is 2 meters.

**D4** \_ **4** \_ - \_ \_ \_ \_ \_ \_ \_ \_ \_ \_  
**Input** **Output** **Fiber** **Length / Meters**  
**Lead** **Lead**

### Connector Styles/Codes for leads:

1 - FC/UPC      5 - SC/APC  
2 - ST®/UPC    7 - LC/UPC  
3 - SC/UPC      Y - E2000/UPC  
4 - FC/APC      Z - E2000/APC

### Fiber:

S - Singlemode  
M - Multimode 62.5/125  
B - Multimode 50/125 OM2  
C - Multimode 50/125 OM3



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