

# Dead Zone Eliminator®

## OTDR Launch/Test Box

Carry Case with Leads

# Launch Lead



### Features / Benefits

- Use as a Pulse Suppressor, OTDR Launch Cable, Delay Line, Training, Product Demonstrations, Calibration
- Prevents fiber damage and stress during use or transportation
- Continuous reel of fiber
- Rugged Carry Case
- 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

### 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 6 km and housed in a rugged, airtight, watertight carry case.

Simply specify the fiber type required, length and connector choice for the input and output lead. Standard lead length is 2 meters.

# Dead Zone Eliminator®

OTDR Launch Box - Carry Case with Leads

## Specifications

### Dead Zone Eliminator® with leads (Carry Case)

Dimensions	Length 8.7", Width 7.5", Height 3.9"
Material	SR Polypropylene
Fiber Segments	1 (Continuous spool)
Length	Up to 6 km
Operating Temp.	-40° to +55° C
Humidity	0 to 95%, non-condensing
Typical Loss	< 0.5dB @ 1310nm for 1000 Meters
Weight	1.5 lbs (w/out fiber)



## 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 D5151-S1000. Standard lead length is 2 meters.

**D5** \_ **5** \_ - \_ \_ \_ \_ \_  
Input Output Fiber Length / Meters  
Lead Lead

### Connector Styles/Codes for leads:

0 - Bare Fiber	4 - FC/APC
1 - FC	5 - SC/APC
2 - ST®	7 - LC
3 - SC	

### Fiber:

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

## Ordering Information

Please use the Part Number Table listed above to design your test box. If you need a length or connector style that is not listed or require assistance, please call 1-800-232-5487 to speak with a sales representative.

### Singlemode 9/125

Part Number	Description
D5 _ 5 _ -S100	100 Meter Singlemode
D5 _ 5 _ -S200	200 Meter Singlemode
D5 _ 5 _ -S500	500 Meter Singlemode
D5 _ 5 _ -S1000	1000 Meter Singlemode
D5 _ 5 _ -S1100	1100 Meter Singlemode
D5 _ 5 _ -S1500	1500 Meter Singlemode
D5 _ 5 _ -S2000	2000 Meter Singlemode

### Multimode 50/125 OM2

Part Number	Description
D5 _ 5 _ -B100	100 Meter Multimode 50/125 OM2
D5 _ 5 _ -B200	200 Meter Multimode 50/125 OM2
D5 _ 5 _ -B500	500 Meter Multimode 50/125 OM2
D5 _ 5 _ -B1000	1000 Meter Multimode 50/125 OM2
D5 _ 5 _ -B1100	1100 Meter Multimode 50/125 OM2

### Multimode 62.5/125

Part Number	Description
D5 _ 5 _ -M100	100 Meter Multimode 62.5/125
D5 _ 5 _ -M200	200 Meter Multimode 62.5/125
D5 _ 5 _ -M500	500 Meter Multimode 62.5/125
D5 _ 5 _ -M1000	1000 Meter Multimode 62.5/125
D5 _ 5 _ -M1100	1100 Meter Multimode 62.5/125

### Multimode 50/125 OM3

Part Number	Description
D5 _ 5 _ -C100	100 Meter Multimode 50/125 OM3
D5 _ 5 _ -C200	200 Meter Multimode 50/125 OM3
D5 _ 5 _ -C500	500 Meter Multimode 50/125 OM3
D5 _ 5 _ -C1000	1000 Meter Multimode 50/125 OM3
D5 _ 5 _ -C1100	1100 Meter Multimode 50/125 OM3

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