

Dead Zone Eliminator®

Fiber Optic Launch/Test Box
Low Profile Handheld Module with Leads

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

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 5 km. 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®

Fiber Optic Launch Box - Handheld Module with Leads

Specifications

Dead Zone Eliminator® Fiber Optic Launch Box - Handheld Module

Dimensions	Length 4.95", Width 4.9", Height 2"+
Height	2" (up to 1100 meters), 3" (1101 to 2500 meters), 4"+ (> 2501 meters)
Material	Poly-propylene and Delrin®
Fiber Length	Up to 5 km
Lead Length	2 Meters
Operating Temp.	-20° to +60° C
Humidity	0 to 95%, non-condensing
Weight	10 oz. (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 D4141-S1000. Standard lead length is 2 meters.

D4 _ **4** _ - _ _ _ _ _
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. Please contact us if you require a length, fiber type or connector style that is not listed.

Singlemode 9/125

Part Number	Description
D4 _ 4 _ -S30	30 Meter Singlemode
D4 _ 4 _ -S100	100 Meter Singlemode
D4 _ 4 _ -S200	200 Meter Singlemode
D4 _ 4 _ -S500	500 Meter Singlemode
D4 _ 4 _ -S1000	1000 Meter Singlemode
D4 _ 4 _ -S1100	1100 Meter Singlemode
D4 _ 4 _ -S1500	1500 Meter Singlemode
D4 _ 4 _ -S2000	2000 Meter Singlemode

Multimode 62.5/125

Part Number	Description
D4 _ 4 _ -M100	100 Meter Multimode 62.5/125
D4 _ 4 _ -M200	200 Meter Multimode 62.5/125
D4 _ 4 _ -M500	500 Meter Multimode 62.5/125
D4 _ 4 _ -M1000	1000 Meter Multimode 62.5/125
D4 _ 4 _ -M1100	1100 Meter Multimode 62.5/125

Multimode 50/125 OM2

Part Number	Description
D4 _ 4 _ -B100	100 Meter Multimode 50/125 OM2
D4 _ 4 _ -B200	200 Meter Multimode 50/125 OM2
D4 _ 4 _ -B500	500 Meter Multimode 50/125 OM2
D4 _ 4 _ -B1000	1000 Meter Multimode 50/125 OM2
D4 _ 4 _ -B1100	1100 Meter Multimode 50/125 OM2

Multimode 50/125 OM3

Part Number	Description
D4 _ 4 _ -C100	100 Meter Multimode 50/125 OM3
D4 _ 4 _ -C200	200 Meter Multimode 50/125 OM3
D4 _ 4 _ -C500	500 Meter Multimode 50/125 OM3
D4 _ 4 _ -C1000	1000 Meter Multimode 50/125 OM3
D4 _ 4 _ -C1100	1100 Meter Multimode 50/125 OM3

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