

# Dead Zone Eliminator®

## DZE™ OTDR Launch Cable - Series 3

# Launch Cable



### Features / Benefits

- Use as a Pulse Suppressor, OTDR Launch/Receive Cable, Delay Line, Training, Product Demonstrations, Calibration
- Leads wrap in the same direction for quick easy access and storage
- Carabiner Clip included allows unit to be attached to equipment straps, belts and racks
- Light weight, easy to carry, small/low profile design portable for field use
- Singlemode, Multimode 62.5/125, Multimode 50/125 OM2 and Multimode 50/125 OM3
- Custom length configurations also available

### Applications

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

### Description

The DZE™ OTDR Launch Cable 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. Using a DZE™ launch cable at the beginning of the fiber under test and a DZE™ receive cable at the end of the fiber under test allows the ability to perform loss measurements on entire length of the fiber.

The light weight unit measures only 6.25" in diameter and 1.25" high and includes a carabiner clip allowing the unit to be easily attached to belts, equipment straps and rack mounts. Units are available in lengths of 150, 300, 500 and 1000 meters with a choice of a variety of connectors in order to connect to virtually all OTDR and patch panel ports.



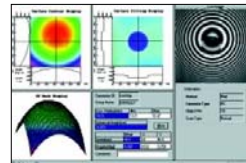
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## ■ Specifications

### ■ Series 3 DZE™ OTDR Launch Cable

<i>Dimensions</i>	Diameter: 6.25", Height 1.25"
<i>Fiber Length (m)</i>	150, 300, 500, 1000 (max)
<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>	UPC: <-50 dB, APC: <-60 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>	5 oz.
<i>Warranty*</i>	1 year



## ■ Part Number Table

The DZE™ 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, **Fiber Code** for the type of fiber you require and the **Length** (in meters). For example, a 1000 meter singlemode unit with SC connectors on both leads would be D333-S1000.

**D3**    **---**    **---**    **---**    **---**  
**Lead 1**    **Lead 2**    **Fiber**    **Length / Meters**

### Connector Styles/Codes for leads:

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

### Fiber:

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



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