

OTDR Launch Cable Box

Designed to aid in the testing of fiber optic cable when using an OTDR. The OTDR Launch FiberBox is used with Optical Time Domain Reflectometers (otdr's) to help minimize the effects of the OTDR'S launch pulse on measurement uncertainty, Available in many different configurations and fiber lengths



Parameters




Working temperature	-40°C ~ +55°C
dB loss	< 1db@1310nm/km
Standard Configuration	Insertion and return losses for every connector
	3D report for every connector
	OTDR test report for the whole link

Features




- A. Essential accessory for OTDR
- B. Any kinds of optic fiber are available
- C. Any kinds of connectors are available
- D. No splicing in the whole link
- E. No micro bend in the whole link
- F. The dB loss is under 0.5 dBm/km
- G. Waterproof, antifouling, explosion-proof (GradeA)

Launch Box Family

Grade A - Housing Material SR Polypropylene


 <p>Big Type 238*141*67mm 1.0 kg per unit Capacity 3km fiber</p>	 <p>Small Type 135*90*43mm 0.75 kg per unit Capacity 0.5km fiber</p>	<p>NEW</p>  <p>Transparent Type 238*141*67mm 1.0 kg per unit Capacity 3km fiber</p>
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Grade B - Housing Material Aluminum Alloy

 <p>Carring Case 230*180*80 mm 260*260*170 mm 5.0 kg per unit Capacity 20km fiber</p>	 <p>Compact 140*96*33mm 160*96*33mm 180*96*33mm 0.5 kg per unit Capacity 2km fiber</p>	 <p>Ring Type 135*135*25 mm 0.5 kg per unit Capacity 1km fiber</p>
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OTDR LB

OTDR Launch Cable Box – Grade A


 The Grade A OTDR launch cables are our top quality models. The housing is super fine SR Polypropylene, which has excellent tightness, waterproof and explosion-proof features. Two sizes of Grade A are offered. We guarantee no MICRO BEND in these models of launch cable boxes.



Specifications

Length x Width x Height	23.8 x 14.1 x 6.7 cm / 13.5 x 9 x 4.3 cm
Material	SR Polypropylene
Color	Yellow
Weight	0.75kg / 0.35 kg (without fiber)
Operating temperature	-40° to +55°C
Typical Loss	< 1dB @ 1310nm for 1000 meters

Features

- Pulse Suppressor, Launch Box, Delay Line, Installation/Testing, Training, Calibration
- Compound Latch for positive seal and easy opening with locking feature.
- Water and dust proof allowing the unit to be taken into almost any environment
- Case can house up to 3,000 meters of fiber
- Auto Purge Valve for changes in altitude and temperature



Ordering Information

A = Fiber	B = Input connector	C = Output connector	D = Length
S – Corning G652D 9/125	FC – FC/UPC	FCA – FC/APC	
OM1 – Corning 62.5/125	SC – SC/UPC	SCA – SC/APC	
OM2 – Corning 50/125 (150)	LC – LC/UPC	LCA – LC/APC	
OM3 – Corning 50/125 (350)	ST – ST/UPC		

For Example:

G652D fiber, input SC/APC; output FC/UPC, 1000 meters long **LB-S-SCA-FC-1.0**

NOTE: Other fiber or connectors are available upon request.

LB-Ring

OTDR Launch Cable Box – Ring Type

- OTDR launch cables are used with an OTDR to minimize the event dead zone and to allow measurement of the complete link loss of a fiber. These low cost OTDR launch cables are available in both multimode fiber and single mode Corning fiber versions. They are offered in a selection of lengths depending on need. Each OTDR launch cable features 1 meter pigtailed, a portable lightweight ring design and a repositionable carabiner.



Specifications

Length x Width x Height	13.5 x 13.5 x 2.5 cm
Housing Material	ABS Plastic
Color	Black
Weight	0.15kg (without fiber)
Operating temperature	-40° to +55°C
Typical Loss	< 1dB @ 1310nm for 1000 meters

Accessories

Climbing hook	1pc
Velcro cable tie	2pcs
Plastic dust cap	2pcs

Features

- Pulse Suppressor, Launch Box, Delay Line, Installation/Testing, Training, Calibration
- Portable, easy for field carrying with
- Ring can house up to 1,000 meters of fiber



Ordering Information

A = Fiber	B = Input connector	C = Output connector	D = Length
S – Corning G652D 9/125	FC – FC/UPC	FCA – FC/APC	
OM1 – Corning 62.5/125	SC – SC/UPC	SCA – SC/APC	
OM2 – Corning 50/125 (150)	LC – LC/UPC	LCA – LC/APC	
OM3 – Corning 50/125 (350)	ST – ST/UPC		

For Example:

G652D fiber, input SC/APC; output FC/UPC, 200 meters long **LBR-S-SCA-FC-0.2**

NOTE: Other special fiber or connectors are available upon request.

LB - Compact

OTDR Launch Cable Box - Compact

- OTDR Launch Fiber box is used with Optical Time Domain Reflect meters (OTDR's) to help minimize the effects of the OTDR's launch pulse on measurement uncertainty. Now it is available in a compact cute rugged box with customized adaptors or patch cords outside. We guarantee that no splicing in the whole link.



Features

- Pulse Suppressor, Launch Box, Delay Line, Installation/Testing, Training, Calibration
- Compact shape, portable solution with rugged construction avoid loop damage inside.
- Case can house up to 2,000 meters of fiber. (3 sizes of housing boxes)
- Available for any adaptors or patch cords outside on request.



Specifications

Length x Width x Height	14/16/18(L) *9.6(W) *3.3(D) cm for 0.5km/1.0km/2.0km fiber
Material	Aluminum Alloy
Color	Silver (Edged black) or other color on request
Weight	0.25 kg (without fiber)
Operating temperature	-40° to +55°C
Typical Loss	< 1dB @ 1310nm for 1000 meters

Ordering Information

A = Fiber	B = Input connector	C = Output connector	D = Length
S – Corning G652D 9/125	FC – FC/UPC	FCA – FC/APC	
OM1 – Corning 62.5/125	SC – SC/UPC	SCA – SC/APC	
OM2 – Corning 50/125 (150)	LC – LC/UPC	LCA – LC/APC	
OM3 – Corning 50/125 (350)	ST – ST/UPC		
For Example: G657A2 fiber, input SC/APC; output FC/UPC, 2000 meters long LBC-G657A2-SCA-FC-2.0			
NOTE: Other special fiber or connectors are available upon request.			