

## OTDR Launching Cables

OTDR Launch cable is designed to aid in the testing of fiber optic cable when using an OTDR. The OTDR Launch Fiber box 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 different configurations and fiber lengths.



### ⊙ Features

- Standard boxes along with custom configurations for OTDR applications.
- Compact and rugged packaging.
- Portable for field use.
- Prevents fiber damage and ensures accurate results.
- Pulse suppressor, Launch Box, Delay Line, Installation/Testing, Training, Calibration.
- Compound latch for positive seal and easy opening with locking feature.
- Water and dust prove allowing the unit to be taken into almost any environment.
- Case can house up to 2,000 meters of fiber.
- Auto Purge Valve for changes in altitude and temperature.

Mechanical & Environmental Characteristics	
Dimension	23.8CMx 14.1CM x 6.7CM
Material	SR Polypropylene
Color	Yellow
Weight	0.75kg without fiber
Packaging	Rugged, hard-shell transit case
Storage Temperature	-40°C to +85°C
Operating Temperature	-40°C to +85°C
Humidity	0 to 95%, non-condensing

Fiber & Connector Characteristics	
Fiber Types	G652D, G657A, OM1, OM2, OM3, OM4
Fiber Length (m)	100 up to 2000 (max)
Lead Length	2 Meters, 3mm buffer
Typical Loss	<0.5dB @ 1310 for 1000 meters
Connector Type	SC/LC/FC/ST
Polish	PC, UPC, APC
Return Loss*	UPC>=50dB, APC>=60dB, PC>=35dB
Repeatability (dB)	<=0.2 (1000 times)

OTDR Launching Cables	Connector Type		Fiber Type		Fiber Length	
	Input Connector	Output Connector				
FOTC						
	LU	LC/UPC	9	SM OS2	05	500m
	LA	LC/APC	7	G.657.A1	10	1000m
	SU	SC/UPC	...	...	20	20000m
	SA	SC/APC			...	...
	FU	FC/UPC				
	FA	FC/APC				
	TU	ST/UPC				
	...	...				

Ordering Example: FOTC-SASA9-10