

OTDR LAUNCH BOX (1000 M BUFFER FIBER)



The ERAT OTDR Launch Box is designed to improve the accuracy and reliability of OTDR (Optical Time-Domain Reflectometer) testing by eliminating the dead zone caused by the first connector and initial fiber length. It enables accurate measurement of insertion loss, reflectance, fiber breaks, and other events along fiber optic links.

The ERAT OTDR Launch Box is available with 500 m and 1000 m buffer fiber options, factory-terminated with SC/APC, SC/UPC, FC/APC, FC/UPC, or LC/UPC connectors. It is offered with Singlemode (OS1, OS2) and Multimode (OM2, OM3, OM4) fiber types to meet a wide range of fiber optic testing requirements.

****Backed by a 25-year system performance warranty when installed as part of a complete ERAT fiber optic cabling system.**



FEATURES

- Integrated adapter storage compartment
- Protective carrying case for enhanced durability
- Compact and ergonomic design
- Interactive product test report accessible via barcode/QR code
- Belt clip for convenient field use

PURPOSE OF THE OTDR LAUNCH CABLE

- **Measurement Accuracy:** The OTDR launch cable eliminates the dead zone between the OTDR port and the beginning of the fiber optic cable, enabling more accurate measurements from the start of the fiber link.
- **Connector Testing:** It allows the OTDR to measure insertion loss and reflectance at the initial connector, helping evaluate connector performance.
- **Extended Fiber Length:** By providing sufficient fiber length at the beginning of the link, it enables the OTDR to utilize its full dynamic range.

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TECHNICAL SPECIFICATIONS

Dimensions (L × W × H)	9.37" × 5.56" × 2.62"
Material	SR Polypropylene
Color	Black / Yellow
Weight	0.75 kg (empty)
Operating Temperature	-40°C to +55°C
Typical Loss	< 1 dB at 1310 nm for 1000 m

ORDER INFORMATION

A = Input Connector	B = Output Connector	C = Fiber Type	D = Length (km)
FC	FC	S – Singlemode Fiber	
ST	ST	M6 – Multimode Fiber (62.5/125)	
SC	SC	M5 – Multimode Fiber (50/125)	
FCA = FC/APC	FCA = FC/APC	OM3	
SCA = SC/APC	SCA = SC/APC	G.657A	
D4	D4		
LC	LC		
MU	MU		
Other custom configurations are available upon request.			

Example:

1 km Singlemode, FC input connector, FC/APC output connector LB-FC-FCA-S-1 km