OTDR Launch Box

Product Drawing

Product Description

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.

Product 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.

Application

Use as OTDR launch/receive cable.

Test link loss with an OTDR.

Measure insertion loss and reflectance of near/far end connector.

Pulse suppressor for the first reflection at the beginning of a fiber.

Technical Specifications

Product Parameters

Project	Technical indicators
Product name	OTDR Launch Box
Dimension	L 9.37" x W 5.56" x H 2.62"
Material	SR Polypropylene
Color	Blue
Weight	0.75kg without fiber

Packaging	Rugged, hard-shell transit case
Storage Temperature	-40O to +85O C
Operating Temperature	-40O to +85O C
Humidity	0 to 95%, non-condensing
Fiber Types	G652D, G657A, OM1, OM2, OM3, OM4
Fiber Length (m)	100 up to 2000 (max)
Lead Length	2 Meters, 3mm buffer
Typical Loss	<1dB @ 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)
Exchangeability (dB)	<=0.2
Fiber Types	G652D, G657A, OM1, OM2, OM3, OM4
OTDR-A-B-C-D	
A for Input connector;	B for Output connector;
C for Fiber Mode;	D for Length;
For Example: OTDR-SC-FCA-SM-1KM; 1KM SM, SC on I/P lead, FC/APC on O/P lead	