OTDR Launch Cable

OTDR optical fiber launch cable is used to measure the loss and reflectivity of the proximal connection and the remote non-corrupt insertion of the optical fiber line using OTDR, to help minimize the effects of the OTDR's launch pulse on measurement uncertainty. Each OTDR launch cable can be used as an OTDR transmitting and receiving cable, both of which were necessary to eliminate blind spots when measuring the complete line loss of the optical fiber with OTDR.

OTDR launch cable adopts coiled design, easy to carry, compact and light. Available in different configurations and fiber lengths, very suitable for short, medium, long distance fiber network test applications.





Complied with or exceeds Standard

- ITU-T G652.D, G657.A
- ITU-T G651.1 OM1 OM2 OM3 OM4 OM5
- IEC60793-2-10 type A1a.1/A1b OM1/OM2, type A1a.2 OM3, type A1a.3 OM4, etc.
- Telcordia (formerly Bellcore) GR-326-CORE
- RoHS Compliant Directive 2011/65/EU

Applications

- Use as OTDR launch cable/receive cable
- Test link loss with an OTDR
- Measure insertion loss and reflectance of near/far end connections of a fiber optic link using an OTDR
- Pulse suppressor for the first reflection at the beginning of a fiber

Features

- Standard/customize boxes along with custom configurations for OTDR applications
- Compact and rugged packaging, lightweight, portable for field use
- Prevents fiber damage and ensures accurate results
- Pulse suppressor, Launch Box, Delay Line, Installation/Testing, Training, Calibration
- 100m, 150m, 300m, 500m, 1km, and up to 2km lengths fiber
- Available with a variety of connector styles
- Adapters special storage bin design

Specifications

Fiber & Connector Characteristics	
Fiber Types	G652D, G657A, OM1, OM2, OM3, OM4,OM5
Fiber Length (m)	100 up to 2000 (max)
Lead Length	2/3 Meters, 3mm buffer
Typical Loss	<0.5dB @ 1310 for 1000 meters
Connector Type	SC/LC/FC/ST, etc.
Polish	PC, UPC, APC
Return Loss*	UPC>=50dB, APC>=60dB, PC>=35dB
Repeatability (dB)	<=0.2 (1000 times)
Exchangeability (dB)	<=0.2