Fiber Optic OTDR Launch Cable Box Datasheet



Overview

An OTDR launch cable, which connects the OTDR to the link-under-test, discloses the insertion loss and reflectance of the near-end connection. It is often available on a small spool or within a “launch box”, which is used to create the proper conditions for testing another similar optical fiber for faults. This method avoids undesirable variations in loss and distance measurements. A launch fiber will help to overcome the blind spot or Dead Zone of an OTDR brought about by high launch power or faults near the launch end of the fiber.

Benefits

- Robust Metal Retracter, Make the Box Easy to Carry in Actual Testment
- Built-in Cable Management, Helps to Reduce Cable Stress and Save Space
- Auto Purge Valve, Elaborate Air Vent Valve Regulates the Pressure Automatically
- Non-metal Construction Will Not Dent, Corrode, or Conduce Electricity
- Readily Carried for OTDR Testing in Various Fiber Optic Applications

Product Specification

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Fiber Mode	Single Mode	OM3/OM4 Multimode
Fiber Length (m)	150m-50km	150m-2km
Lead Length	2 Meters, 3mm buffer	2 Meters, 3mm buffer
Typical Loss	<0.5dB @ 1310 for 1000 meters	<0.5dB @ 1310 for 1000 meters
Connector Type	SC/LC/FC/ST/LSH UPC/APC	SC/LC/FC/ST/LSH UPC
Return Loss	UPC≥50dB, APC≥60dB	UPC≥50dB
Repeatability	≤0.2dB (1000 times)	≤0.2dB (1000 times)
Exchangeability	≤0.2dB	≤0.2dB
Temperature	-40 to 85°C (-40 to 185 ℉)	-40 to 85°C (-40 to 185 ℉)
Humidity	0 to 95%, non-condensing	0 to 95%, non-condensing
Material	SR Polypropylene	SR Polypropylene
Weight	0.95kg without fiber	0.95kg without fiber