



Optec's fiber launch leads are used to measure insertion loss and/or far-end connection of a fiber optic link used to connect the link under test to an OTDR. They are available in a range of fiber types, lengths and connector configurations to suit testing of telecommunications and local area networks.

All our fiber launched leads are made to conform IEC, EIA/TIA or Telcordia performance requirements. They are made of extremely low loss connector with optimized end-face geometry and enhanced optical performance. Terminated with 250µm bare fiber and packed into a compact and lightweight plastic spool, this launch lead can be fitted easily into an OTDR case for conducting convenient launching test.

Features and Applications

Optimized to provide the lowest insertion loss

Customizable insertion loss performance achieve typical IL < 0.15dB

Suitable for use with OTDR testing

Extremely low loss connector terminated with 250µm bare fiber in a compact and lightweight plastic spool

Conforms and exceeds industry standards

100% Factory tested with stringent controls processes to comply Telcordia GR-326-CORE with low insertion loss

Compact and lightweight for convenient use

250µm bare fiber and packed into a compact and lightweight plastic spool, which can be fitted easily into an OTDR case

Available in different connector choices

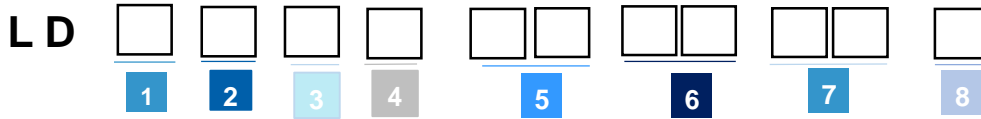
Available in FC, SC, LC, & ST high performance connector to suit majority of testing needs

Specifications

Optical Performance **			
Type	Singlemode		Multimode
	UPC	APC	PC
Performance			
Insertion Loss	≤ 0.3 dB (Typical 0.15dB)	≤ 0.3 dB (Typical 0.15dB)	≤ 0.3 dB (Typical 0.15dB)
Return Loss	≥ 55 dB	≥ 65 dB	≥ 25 dB
Operating Temperature	-40°C to 80°C		-40°C to 80°C
Test Wavelength	1310nm		850nm
Geometric performance			
Manufactured to comply Telcordia standard GR-326-CORE			

** Optec works with customer to provide highly customized products with different specifications & required optical performance in a flexible pricing scheme. The above optical performance is one of our product tier only, please contact our sales for more details.

Ordering Information



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|---|---|--|---|
| <p>1 A-End Connector</p> <p>F = FC
S = SC
L = LC
T = ST
E = E2000</p> | <p>2 A-End Polishing</p> <p>P = PC
U = UPC
A = APC</p> | <p>3 B-End Connector</p> <p>F = FC
S = SC
L = LC
T = ST
E = E2000</p> | <p>4 B-End Polishing</p> <p>P = PC
U = UPC
A = APC</p> |
| <p>5 Fiber Type</p> <p>SM = OS2 Singlemode
M1 = OM1 (62.5/125)
M2 = OM2 (50/125)
M3 = OM3 (50/125)
M4 = OM4 (50/125)</p> | <p>6 Cable Type</p> <p>BF = 250um Bare Fiber
OT = Others (<i>please specify</i>)</p> | <p>7 Overall Cable Length</p> <p>XXXX = 1~9999
(<i>please specify</i>)</p> | <p>8 Unit of Measure</p> <p>F = Feet
M = Meter</p> |

Assembly Structure Illustration

Example: **Ordering code :** LD-F-U-F-U-SM-1-1000M
Item Description: Test Reference Lead, FC/UPC to FC/UPC, Singlemode, 250µm

