

LC INTERFACE | ARINC 801 TERMINUS SYSTEM

LCe optical adapter for harsh environments

A metallic LC-compatible adapter that combines the ARINC 801 terminus system with sealed interfaces and a stainless-steel latch.



SIMPLEX DUPLEX

LC-compatible interfaces for single-mode and multi-mode applications. ARINC 801 terminus ordered separately.

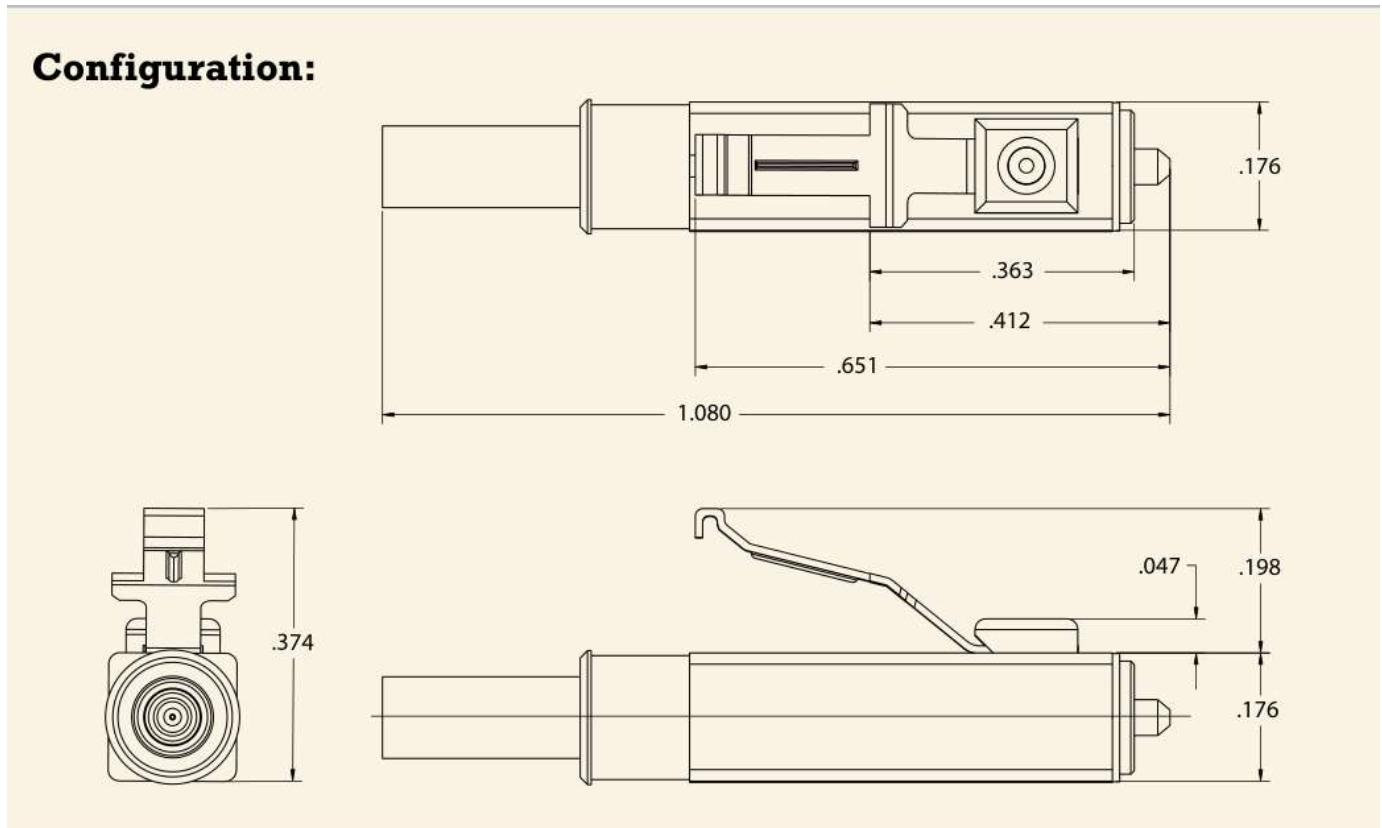
DESIGN CHARACTERISTICS

- Removable optical core permits inspection and body replacement without re-termination.
- Fluorosilicone multi-lip seals protect the front interface from moisture and contaminants.
- Strain relief and crimp sleeve support cable termination. Standard colors available.
- Hex register tuning and 1.25 mm ferrules support PC, UPC and APC geometry.

Configuration, availability, and qualification status are confirmed against current controlled records at quotation.

Reference geometry and configuration

Public reference dimensions are reproduced from the legacy XiOptics technical source. Dimensions are in inches.



CONNECTOR CONFIGURATION

Simplex or duplex

TERMINUS

ARINC 801 (ordered separately)

The adapter accepts NXTCore™ termini and other manufacturers' ARINC 801 compliant termini. The assembled connector mates with LC-compatible devices and standard LC accessories.

Configuration, availability, and qualification status are confirmed against current controlled records at quotation.

Selection data and integration support

MATERIALS AND CONFIGURATION

Item	Reference information
Body	Anodized aluminum alloy; standard color options
Latch	Corrosion-resistant stainless steel
Dust cap	Non-contact type, plastic
Packaging	Bag
NXTCore™ ferrule hole sizes	80–650 µm
Internal bonded fiber jacket	650–900 µm
External crimped fiber jacket	1.6–3.0 mm

TERMINATION AND INTERFACE

Fiber jacket sizes are maximum recommended diameters for the internal bonding cup or supplied crimp ring. All cable strength members terminate in the terminus crimp zone.

The boot and adapter interface provide sealing. With an ARINC 801 compliant terminus and proper termination, the legacy design references Telcordia GR-326 and FOCIS-10 performance requirements. Confirm the selected assembly against current controlled records.

Discuss the application with a specialist

Share the connector interface, fiber type, cable outside diameter, quantity, and required date. XiOptics can confirm the current configuration, supporting documents, and quotation path.

SALES

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TECHNICAL SUPPORT

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