PRECISION ACCESS FOR COMPACT LC FIELDS

LC PLIERS FOR HIGH-DENSITY PANELS

A purpose-developed tool for inserting and removing LC connectors where finger access is restricted.

PRODUCT PRESENTATION

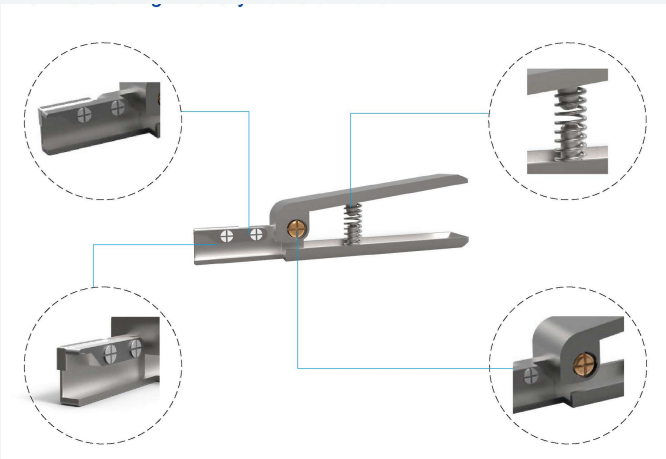
High-density LC patch panels leave limited space around individual connectors, making manual insertion and removal difficult once adjacent ports are populated.

These LC pliers provide controlled access to the connector, with a limiting retainer and slim housing intended to protect the connector and avoid neighbouring-port interference.

PRODUCT BENEFITS

- Insert and remove LC connectors
- Designed for high-density panels
- Limiting retainer protects the connector
- Thin profile reduces adjacent-port interference
- Controlled handling in compact spaces
- Purpose-developed maintenance accessory

CONTROLLED CONNECTOR ACCESS



- Slim working profile
- Connector-limiting retainer
- LC insertion and removal

LC
CONNECTOR INTERFACE

PLUG + PULL
PRIMARY FUNCTION

SLIM
WORKING PROFILE

RETAINER
CONNECTOR CONTROL

DESIGNED AROUND DENSE LC PRESENTATION

TOOL TYPE	INTERFACE	USE AREA	STATUS
Insertion / removal	LC connector	High-density panel	Project confirmation

TYPICAL APPLICATIONS

- High-capacity fibre management
- Optical-cable inlet maintenance
- Medium and large data centres
- Rail, banking and enterprise

In order to better serve its customers and improve product performance, OMELCOM reserves the right to modify these characteristics without prior notice.

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PRODUCT DETAILS

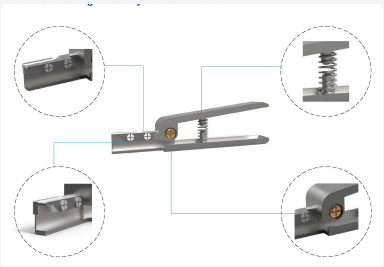
FUNCTION + HANDLING DETAILS

The narrow tool body reaches populated LC fields while retaining the connector during the operation.

FUNCTIONAL CHARACTERISTICS

ATTRIBUTE	DESCRIPTION
Primary function	Insert and remove LC connectors
Target interface	LC connector
Target equipment	High-density LC patch panel
Connector control	Limiting retainer
Working profile	Thin housing
Adjacent-port access	Designed to reduce interference
Development status	Patent application noted in source

SLIM RETAINING HEAD



- Captures the connector body
- Works between adjacent ports
- Spring-assisted plier action

USE CONTEXT

CONSIDERATION	DESIGN RESPONSE
Compact connector spacing	Narrow access profile
Difficult finger access	Extended plug-and-pull reach
Connector protection	Limiting retainer during handling
Populated adjacent ports	Thin body reduces obstruction
Maintenance activity	Controlled LC connection handling

ORDERING CONFIGURATION

EXAMPLE CONFIGURATION

LC HIGH-DENSITY PANEL PLIERS — PRODUCT REFERENCE TO BE CONFIRMED

Confirm compatibility with the target LC panel and obtain the current product reference from Omelcom before ordering.

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