FASTLINK™ FIBRE CONNECTIVITY

# LC PATCH CORD

A compact, factory-terminated fibre assembly for reliable equipment, panel and cross-connect links.

## PRODUCT PRESENTATION

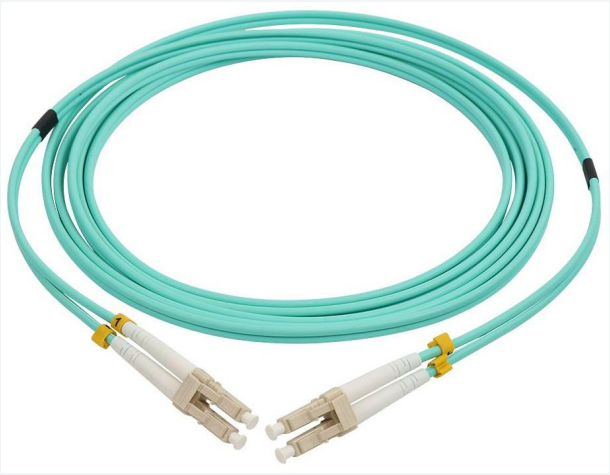
The FastLink™ LC patch cord is a precision-terminated fibre assembly designed for direct connection between active equipment, patch panels and distribution hardware.

Its compact LC interface supports high-density installations, with singlemode and multimode versions and configurable end-face, sheath, boot and length options.

### PRODUCT BENEFITS

- Factory terminated for rapid deployment
- Compact LC format for high-density connectivity
- Low insertion loss and high return loss
- Singlemode and multimode options
- PC, UPC and APC end-face options
- Configurable boot, sheath and finished length

## COMPACT DUPLEX CONNECTIVITY



### LC OPTIONS

End face, fibre, sheath and length selected to order

| ≤ 0.20 dB | ≤ 0.30 dB | ≥ 60 dB | -40 TO +80°C |
|---|---|---|---|
| MULTIMODE INSERTION LOSS | SINGLEMODE INSERTION LOSS | SINGLEMODE APC RETURN LOSS | OPERATING RANGE |

## CONFIGURABLE TO THE APPLICATION

| INTERFACE | FERRULE END FACE | FIBRE | SHEATH |
|---|---|---|---|
| LC / LC or hybrid | PC / UPC / APC | Singlemode / multimode | PVC / LSZH |

### TYPICAL APPLICATIONS

- Data centres and active equipment
- High-speed transport systems
- Telecom and optical fibre networks
- Test equipment, FTTH and satellite TV

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 SPECIFICATIONS

# PERFORMANCE + CONFIGURATION

Select the fibre mode, ferrule end face, connector pairing, sheath and finished length required for the link.

## LC OPTICAL PERFORMANCE

| PARAMETER | MULTIMODE | SINGLEMODE |
|---|---|---|
| **Insertion loss** | ≤ 0.20 dB | ≤ 0.30 dB |
| **Return loss - PC** | ≥ 20 dB | ≥ 45 dB |
| **Return loss - UPC** | ≥ 20 dB | ≥ 50 dB |
| **Return loss - APC** | ≥ 20 dB | ≥ 60 dB |
| **Operating temperature** | -40°C to +80°C | -40°C to +80°C |

Performance shown per terminated connector interface.

## QUALITY + FINISH OPTIONS

- IEC / Telcordia GR-326-Core
- Boot size and colour options
- Interferometer measurement available

## AVAILABLE CONFIGURATIONS

| SELECT | AVAILABLE OPTIONS | GUIDANCE |
|---|---|---|
| **Connector A** | LC | Compact primary interface |
| **Connector B** | LC, SC, FC, ST or MU | LC-to-LC or hybrid patch cord |
| **Ferrule end face** | PC, UPC or APC* | Availability depends on connector type |
| **Fibre** | Singlemode or multimode | Confirm the required fibre grade |
| **Construction** | Duplex shown | Alternative constructions subject to confirmation |
| **Length** | Project-specific | Factory terminated to the required length |
| **Sheath** | PVC or LSZH | Select to suit the installation environment |
| **Boot options** | Different sizes and colours | Supports identification and cable management |

## ORDERING INFORMATION

EXAMPLE CONFIGURATION

**LC / APC - LC / APC - SINGLEMODE - DUPLEX - LSZH - LENGTH**

Final assembly code, fibre grade, construction, boot format and length are confirmed for the project.

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