

# 1M LC/LC Mode Conditioning Fiber Patchcord



Part No. FB-MCF-LL

Rating: Not Rated Yet  
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Manufacturer[Cables and Chips Inc](#)

| Description DESCRIPTION     | 62.5?M MMF   | 50?M MMF                   |
|-----------------------------|--|----------------------------|
| Operating wavelength        | 1310nm   |                            |
| Maximum insertion loss      | 0.5dB  |                            |
| Coupled power ratio (CPR)   | 28 to 40dB   | 12 to 20dB                 |
| Back reflection S/M channel | 30dB   |                            |
| Back reflection M/M channel | 20dB   |                            |
| Connector finish            | PC or APC  |                            |
| Ferrule radius of curvature | 10 to 25mm   |                            |
| Fibre height                | -50 to 50nm  |                            |
| Maximum angular offset      | 1°   |                            |
| Sheath colour               | Orange (yellow for SM leg)   | Orange (yellow for SM leg) |
| DESCRIPTION                 |  |                            |
| Temperature Cycling         | (IEC 61300-2-22)<br>-40 to +75°C, 40 cycles<br>=0.2dB Change               |                            |
| Damp Heat                   | (IEC 61300-2-19)<br>60°C at 95% RH, 96 hours<br>=0.2dB Change              |                            |
| Vibration (Mated Pair)      | (IEC 61300-2-1)<br>10-55 Hz, 1.5mm P to P<br>=0.3dB Change                 |                            |
| Mating Durability           | (IEC 61300-2-2)<br>1000 mating cycles<br>Clean every 25<br>< 0.2 dB Change |                            |
| Operating Temperature       | (IEC 61300-2-22)<br>-20°C to +60°C   |                            |

## Patch cord Specification

|                      |   |
|----------------------|---|
| SPECIFICATION        |   |
| Connectors available | Types: FC, ST, SC, LC   |
| Product Packaging    | Each patchcord is packaged individually and individually identified for traceability, test certification is supplied for each assembly. |
| Length               | 2000mm ± 10mm<br>Other lengths available to order   |