

Backplane LC (BLC) Connector System >

Molex LC Backplane Connector (BLC) System utilizes a card-edge-mounted BLC connector terminated to a device that will interface with a standard LC connector/ adapter port within the backplane to offer simple installation and easy next-generation upgrades

FEATURES AND ADVANTAGES

Optional package sizes: include 2, 4 and 8 fiber terminations

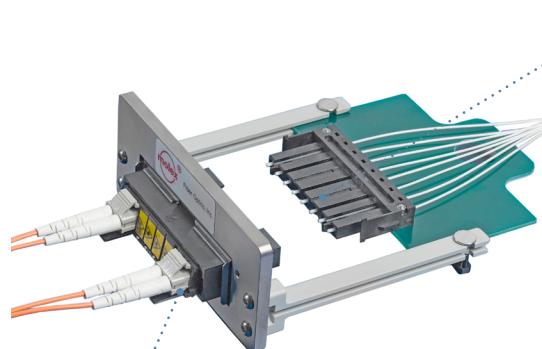
Offers design flexibility

Generous axial movement

Allows the connector ferrule to self-align inside the adapter

Connector utilizes an independent latching mechanism

Provides isolation between the card and backplane, minimizing the mechanical movement of the optical interface



Small form-factor LC interface

Utilizes industry-standard LC simplex and duplex connectors

Telcordia (Bellcore) 326 compliant

Meets industry standards to ensure reliable performance

RJ-45 latch

Provides easy insertion and removal of LC connection

Low insertion loss: Singlemode <.15 dB typical, Multimode <.2 dB typical

Ensures reliable signal integrity performance

MARKETS AND APPLICATIONS

Telecommunications/ Networking

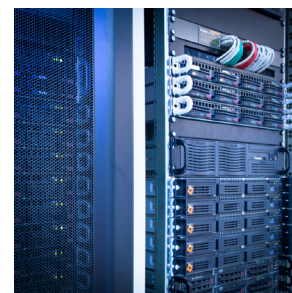
Router
Switch
Servers
Testing equipment
Telecommunications hardware



Testing Equipment



Router



Switches

Backplane LC (BLC) Connector System

ORDERING INFORMATION

Order No.	Type	Description
106045-5000	BC Connector	Connector, 2 position, 126μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106044-5000		Connector, 4 position, 126μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106046-5000		Connector, 8 position, 126μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106045-3000		Connector, 2 position, 127μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106044-3000		Connector, 4 position, 127μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106046-3000		Connector, 8 position, 127μ Singlemode Zirconia Ferrules for 900μm Buffered Fiber, Black
106145-1100	BLC Adapter	Adapters, 2 position, Singlemode Zirconia Ceramic Alignment Sleeves, Black
106144-1100		Adapters, 4 position, Singlemode Zirconia Ceramic Alignment Sleeves, Black
106146-1100		Adapters, 8 position, Singlemode Zirconia Ceramic Alignment Sleeves, Black
106145-0100		Adapters, 2 position, Singlemode Phosphor Bronze Alignment Sleeves, Black
106144-0100		Adapters, 4 position, Singlemode Phosphor Bronze Alignment Sleeves, Black
106146-0100		Adapters, 8 position, Singlemode Phosphor Bronze Alignment Sleeves, Black

www.molex.com/link/lcbackplane.html