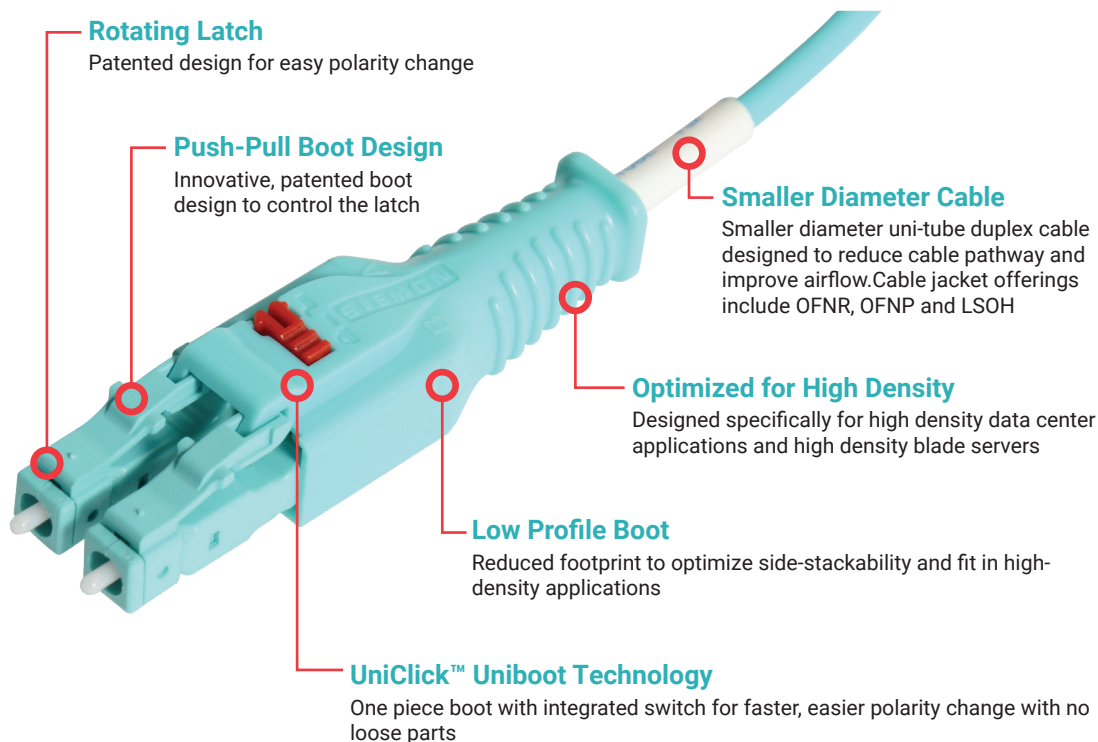# LC BladePatch®
High-Density Polarity Reversible Fiber Patch Cord

Regional Availability – Global

Siemon's XGLO™ Ultra-Low-Loss (ULL) LC BladePatch uniboot duplex jumper offers an exceptional solution for high-density fiber optic patching environments. The revolutionary push-pull boot controls the latch to provide easy access and removal in tight-fitting areas. UniClick™ uniboot technology features a smaller footprint, one-piece body with an integrated switch to enable faster and easier polarity change using the innovative rotating latches. The LC BladePatch cable uses multimode and singlemode bend insensitive glass for enhanced performance and utilizes a smaller diameter uni-tube cable design which reduces cable pathway congestion, improving air flow and increasing energy efficiency while simplifying overall cable management. The LC BladePatch provides low-loss performance, supporting the precise optical performance requirements for high speed networks and improving network performance. The LC BladePatch is ideal for patching high density blade servers, patch panels and equipment.

XGLO precision cable assemblies offer a superior connector polish that meets stringent Telcordia and ISO/IEC specifications for end-face geometry and exceeds all ANSI/TIA and ISO/IEC insertion loss and return loss requirements. The assemblies are covered by Siemon's end-to-end system warranty when installed in a qualified XGLO system. 100% inspection ensures superior performance and quality.

Rotating Latch
Patented design for easy polarity change

Push-Pull Boot Design
Innovative, patented boot design to control the latch

Smaller Diameter Cable
Smaller diameter uni-tube duplex cable designed to reduce cable pathway and improve airflow.Cable jacket offerings include OFNR, OFNP and LSOH

Optimized for High Density
Designed specifically for high density data center applications and high density blade servers

Low Profile Boot
Reduced footprint to optimize side-stackability and fit in high-density applications

UniClick™ Uniboot Technology
One piece boot with integrated switch for faster, easier polarity change with no loose parts

Standards Compliance
- SO/IEC 11801-1
- ANSI/TIA-568.3-E
- TIA-604-10
- IEC 61754-20
- IEC 61753 Category C
- Telcordia GR-326-CORE issue 4
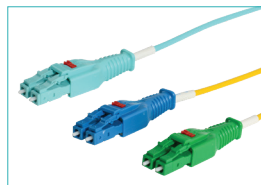- RoHS Compliant

Bend Insensitive Fiber
- Multimode OM3,
  Per TIA/EIA-492AAAC,
  IEC60793-2-10 A1a.2
- Multimode OM4,
  Per TIA/EIA-492AAAD,
  IEC60793-2-10 A1a.3
- Singlemode OS1/OS2,
  Per TIA-492CAAB,
  IEC60793-2-50 B1.3,
  ITU-T G.652 C/D,
  ITU-T G.657.A2

Low Profile Boot
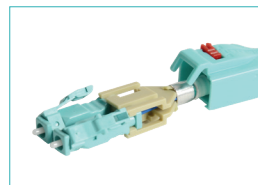Optimizes side-stackability in high-density fiber optic patching environments.

Performance Modes
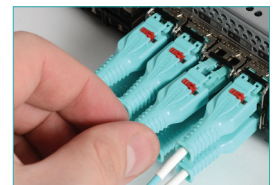Multimode OM3 and OM4, Singlemode OS1/OS2 UPC, APC.

Push-Pull Boot Design
The innovative boot enables easy access and removal in tight fitting areas.

Rotating Latch
Eliminates potential fiber damage during polarity changes.

LC Interface Compatibility
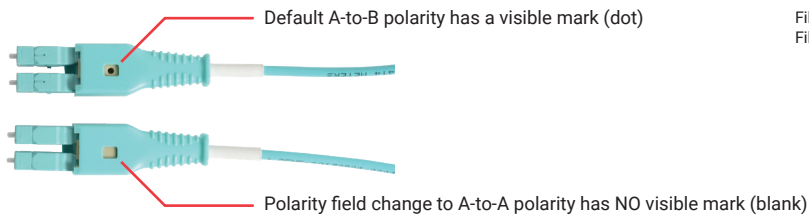Fits with industry compliant LC adapter opening or LC SFP module.

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Product Information

Performance Specifications – Ultra-Low-Loss

	OM3 50/125μm Multimode			OM4 50/125μm Multimode			OS1/OS2 Singlemode – UPC	OS1/OS2 Singlemode – APC
Wavelength (nm)	850	1300	850*	850	1300	850*	1310/1550nm	1310/1550nm
MIN Cable Bandwidth (MHz·km)	1500 (OFL)	500 (OFL)	2000 (EMB)	3500 (OFL)	500 (OFL)	4700 (EMB)	N/A	N/A
MAX Insertion Loss (dB)	0.15 (0.10 Typical)			0.15 (0.10 Typical)			0.20 (0.10 Typical)	0.25 (0.10 Typical)
MIN Return Loss (dB)	30 (35 Typical)			30 (35 Typical)			55 (60 Typical)	65 (70 Typical)

*Laser Bandwidth

Polarity

Default A-to-B polarity has a visible mark (dot)

Polarity field change to A-to-A polarity has NO visible mark (blank)

A-to-B Polarity

Fiber 1
Fiber 2
Fiber 1
Fiber 2

Ordering Information

LC BladePatch®

LBP - (XX) (X) (XX) (X) (XX) - (XX) (X) (XX) (X)

SIDE A - CONNECTOR	SIDE A - MODE/ PERFORMANCE	SIDE B - CONNECTOR	SIDE B - MODE/ PERFORMANCE	FIBER TYPE	LENGTH	UNIT OF MEASURE	JACKET RATING/COLOR	PACKAGE
LC = LC	Blank = Multimode U = UPC Singlemode A = APC Singlemode	LC = LC	Blank = Multimode U = UPC Singlemode A = APC Singlemode	5L = OM3 XGLO 300 50/125, Multimode 5V = OM4 XGLO 550 50/125, Multimode L = OS1/OS2, Singlemode	Length must be 2 digits. Example: 03 10	Blank = Meters F = Feet	Blank = Riser (OFNR) Yellow cable, Blue UPC, Green APC connectivity (OS1/OS2) P = Plenum (OFNP) Yellow cable, Blue UPC, Green APC connectivity (OS1/OS2) H = LSOH (IEC 60332-3C) Yellow cable, Blue UPC, Green APC connectivity (OS1/OS2) AQ = Riser (OFNR) Aqua cable & connectivity (OM3,OM4) AP = Plenum (OFNP) Aqua cable & connectivity (OM3, OM4) AH = LSOH (IEC 60332-3C) Aqua cable & connectivity (OM3, OM4) EQ = Riser (OFNR) Erika Violet cable & connectivity (OM4 only) EP = PLenum (OFNP) Erika Violet cable & connectivity (OM4 only) EH = LSOH (IEC 60332-3C) Erika Violet cable & connectivity (OM4 only)	Blank = Non Bulk B = Bulk**

For part numbers resulting in more than 15 characters, remove dashes "-" from right to left as necessary
***Bulk pack of 100 jumpers (10 per bag) available in lengths up to 5 meters (16.4 ft.) or less*

SCAN TO DOWNLOAD SPEC SHEET

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