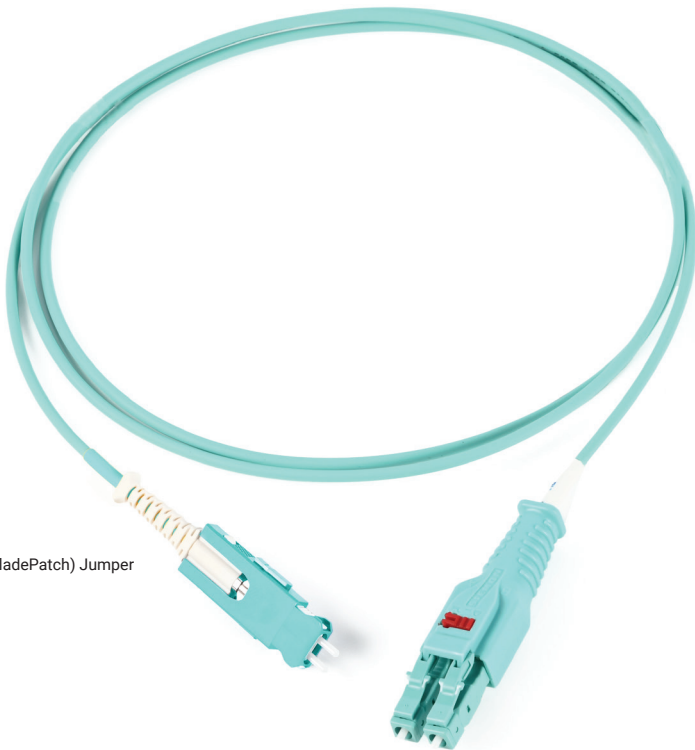


# SN-LC (BladePatch®) Jumpers

Regional Availability – Global



As network speeds continue to grow exponentially, new technologies are required to support this growth. One of those new technologies being deployed are Very Small Form Factor (VSFF) fiber connectors. One version of VSFF connectors is the SN connector. Providing greater fiber density compared to other 2 fiber options, the SN connector is leading the way in support for higher network speeds and densities.



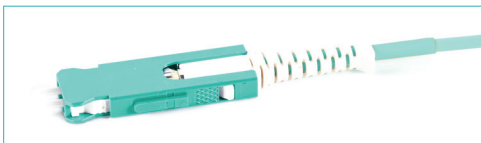
SN-LC (BladePatch) Jumper

## 2.0mm Cable Diameter

Siemon's SN-LC (BladePatch) jumpers deploy the same 2.0mm cable as traditional jumpers. This means whether SN-LC or LC-LC jumpers are deployed, the same cable management can be used. No need for a different physical infrastructure.

## Singlemode and Multimode Support

SN-LC (BladePatch) jumper solutions are available in singlemode (OS2) and multimode (OM4).



## SN VSFF Connector

The SN connector is a vertical 2-fiber connector, as compared to the traditional LC connector that is 2-fiber, but horizontal in orientation. The SN connector also has a smaller (length and width) body compared to other 2-fiber solutions. Because of both the orientation and size changes, the SN connector allows for 3x the density in the same footprint.

## Standards Compliance

- ISO/IEC 11801-1
- ANSI/TIA 568.3-D
- IEC 61754-36
- IEC 61753-1
- IEC 61753 Category C.
- Telecordia GR-326-CORE issue 4
- ROHS Compliant

## Bend Insensitive Fiber

- Multimode OM4, Per TIA/EIA-492AAAD, IEC60793-2-10 A1a.3
- Singlemode OS2, Per TIA -492CAAB, IEC60793-2-50 B1.3, ITU-T G.652, ITU-T G.657.A2



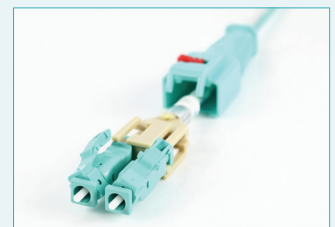
## Performance Modes

Multimode OM4 and  
Singlemode OS2 UPC



## Push-Pull Boot Design

The innovative boot enables  
easy access and removal in tight  
fitting areas.



## Rotating Latch

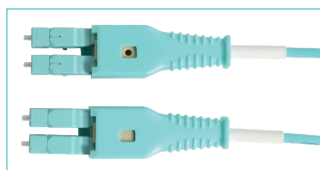
Eliminates potential fiber damage  
during polarity changes.

# Product Information

## Performance Specifications

	OM4	OS2
<b>CABLE TYPE</b>	50/125µm Multimode	Singlemode – UPC
<b>WAVELENGTH (nm)</b>	850/1300/850	1310/1550nm
<b>MIN CABLE BANDWIDTH (MHz/km)</b>	3500 (OFL) • 500 (OFL) • 4700 (EMB)	N/A
<b>MAX INSERTION LOSS (dB)</b>	0.15 (0.10 Typical)	0.20 (0.10 Typical)
<b>MIN RETURN LOSS (dB)</b>	30 (35 Typical)	55 (60 Typical)

## Polarity



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

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

# Ordering Information

## SN-LC (BladePatch®) Jumpers

VSJ - SNLB (X) (XXX) (XX) (X)

FIBER TYPE	LENGTH	JACKET RATING/ COLOR	PACKAGE
U = OS2 Singlemode V = OM4 Multimode	001 = 1m 010 = 10m 100 = 100m	YP = Yellow Plenum YH = Yellow LSOH YR = Yellow Riser AP = Aqua Plenum AH = Aqua LSOH AQ = Aqua Riser EP = Erika Violet Plenum EH = Erika Violet LSOH EQ = Erika Violet Riser	N = Non-Bulk B = Bulk

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