

SN-SN 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-SN Jumper:



Performance Modes

Multimode OM4 and
Singlemode OS2 UPC

Standards Compliance

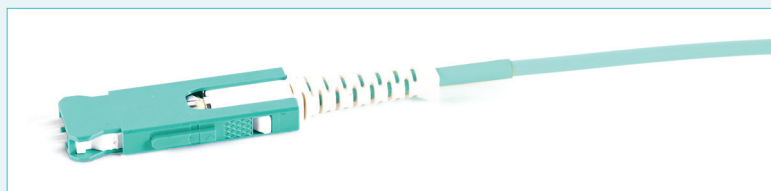
- ISO/IEC 11801-1
- ANSI/TIA 568.3-D
- IEC 61754-36
- IEC 61753-1
- IEC 61753 Category C.
- Telecordia GR-326-CORE issue 4
- ROHS Compliant

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

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.



2.0mm Cable Diameter

Siemon's SN-SN jumpers deploy the same 2.0mm cable as traditional jumpers. This means whether SN-SN 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-SN jumper solutions are available in singlemode (OS2) and multimode (OM4).

Product Information

Performance Specifications

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

Ordering Information

SN-SN Jumpers

VSJ - SNSN (X) (XXX) (XX) (X)

FIBER TYPE	LENGTH	JACKET RATING/ COLOR	PACKAGE
U = OS2 Singlemode (G657.A2) 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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