

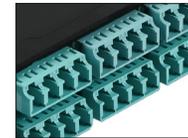
LightVerse® Fiber Optic Cabling System

Plug and Play Modules

Regional Availability - Global

The Siemon LightVerse system includes a wide range of plug and play transition modules which have been designed with the user in mind, combining innovative functionality with the quality and performance users expect from Siemon fiber solutions. This module may also be used as an aggregation/breakout module for network aggregation. Please see the Siemon Tech Brief on aggregation/breakout for more details.

Available in singlemode and multimode fiber options, Base-8 and Base-12 fiber configurations and various connector types, LightVerse modules allow users to seamlessly mix-and-match different types as needed to support their unique application needs.



Aqua



Green



Erika Violet



Blue

Shuttered Options

LightVerse modules are available in both LC shuttered and non-shuttered configurations, allowing users to add more protection if required.

True Fiber Support

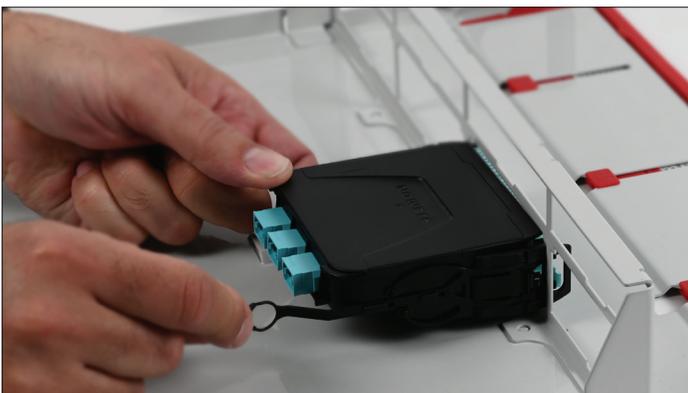
LightVerse modules are available at standard or ultra low loss performance levels and support OM3, OM4 and OS2 fiber types. Universal polarity* is also available for planning and installation simplicity.

Flexible Installation

Each LightVerse module includes an integrated latch and pull tether, which allows for easy one-handed installation and removal from the front or rear of the unit, allowing users to work efficiently in even the densest environments.

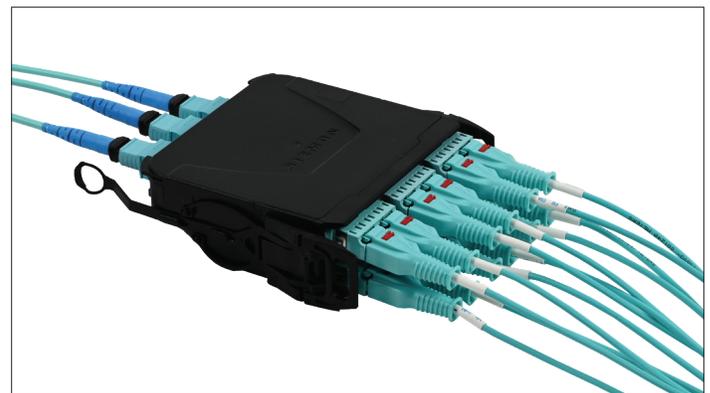
Robust Construction

All LightVerse modules are made from molded plastic, providing a lightweight yet durable footprint for use in your data networks.



EASY MANAGEMENT

Each LightVerse module includes an integrated pull tether which allows for easy installation and rear removal in tight, high density application environments, allowing users to quickly deliver move, adds and changes.



SIMPLE TRANSITIONS

The plug and play modules are ideal for transitioning MTP backbone cables to LC or SC simplex connectivity for Base-8 or Base-12 configurations, allowing maximum flexibility and control within your designs.

Ordering Information

LightVerse® Plug and Play Modules

LVM(XX)(X)(X)(XX)(X)-B(X)(X)A

Fibers
 12 = 12 Fibers
 24 = 24 Fibers

Base
 E = Base-8*
 T = Base-12

MTP Gender
 M = Male MTP
 F = Female MTP

LC Option
 LC = Traditional LC
 LS = Internal Shutter LC

Mode

L = OM3 (LC/Aqua - MTP/Aqua)
 V = OM4 (LC/Aqua - MTP/Aqua)
 E = OM4 (LC/Erika Violet - MTP/Erika Violet)
 U = LC/UPC, MTP/APC (LC/Blue - MTP/Black)
 A = LC/APC, MTP/APC (LC/Green - MTP/Black)

Performance
 S = Standard Loss
 L = Ultra Low Loss

Polarity
 C = Polarity A&C
 U = U1 Universal Polarity*



*Base-8 is 24 fibers only.

*Universal polarity offered under patent license.

Performance Specifications (Standard)

Fiber Type	MAX Insertion Loss (dB)		Min. Return Loss (dB)		Performance Class
	MTP	LC	MTP	LC	
5L-MM 50/125 10G (OM3)	0.40	0.25	20	30	XGLO® 300
5V-MM 50/125 10G (OM4)	0.40	0.25	20	30	XGLO 550
SM-LWP SM (OS1/OS2)	0.60	0.40	60	55 UPC/65 APC	XGLO

Performance Specifications (Ultra Low Loss)

Fiber Type	MAX Insertion Loss (dB)		Min. Return Loss (dB)		Performance Class
	MTP	LC	MTP	LC	
5L-MM 50/125 10G (OM3)	0.20	0.15	20	30	XGLO 300
5V-MM 50/125 10G (OM4)	0.20	0.15	20	30	XGLO 550
SM-LWP SM (OS1/OS2)	0.30	0.20	60	55 UPC/65 APC	XGLO

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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