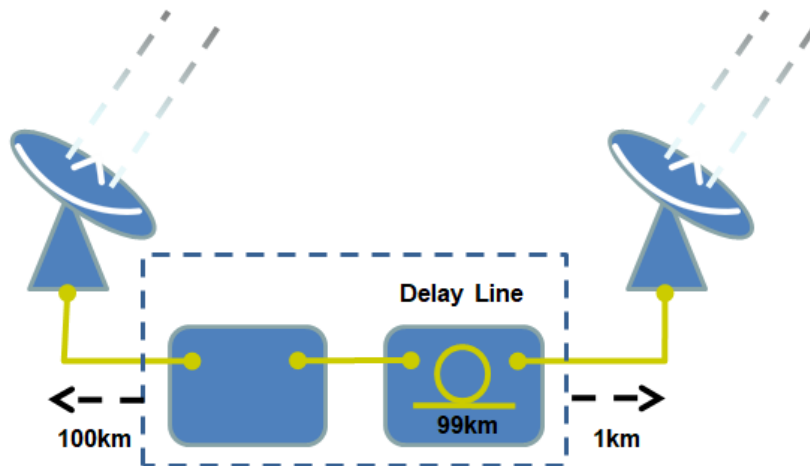


### 19" Rack Optical Delay Line

- User-defined lengths
- Reliable passive device
- Up to 100 km
- Standard 5-year warranty
- 6U, 4U & 2U 19" rack package



The **ViaLiteHD** Optical Delay Line is offered as part of a DWDM L-Band diversity antenna system and is utilized when time-balancing between sites is required. Full system, time-balancing calculations are offered by **ViaLite** to ensure that when a system is installed all switch overs between diverse sites are seamless to the user. Standard lengths, as well as bespoke custom-length delay compensation units, are available.



#### Applications

- L-Band diversity rain fade application
- Fixed satcom earth stations and teleports
- Gateway reduction within a satellite footprint
- Government installations
- Remote monitoring stations
- Leased fiber reduction
- Disaster recovery operations

#### Formats

- 6U, 4U, 2U Chassis (length dependant)

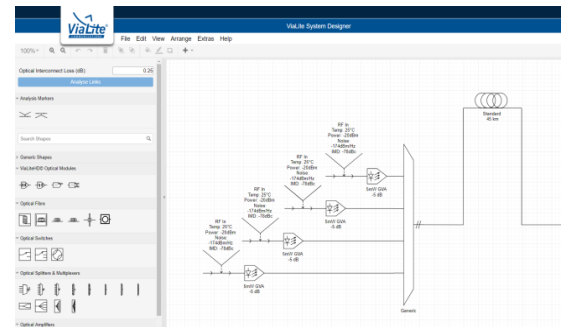
#### Related Products

- DCMs
- Optical EDFAs

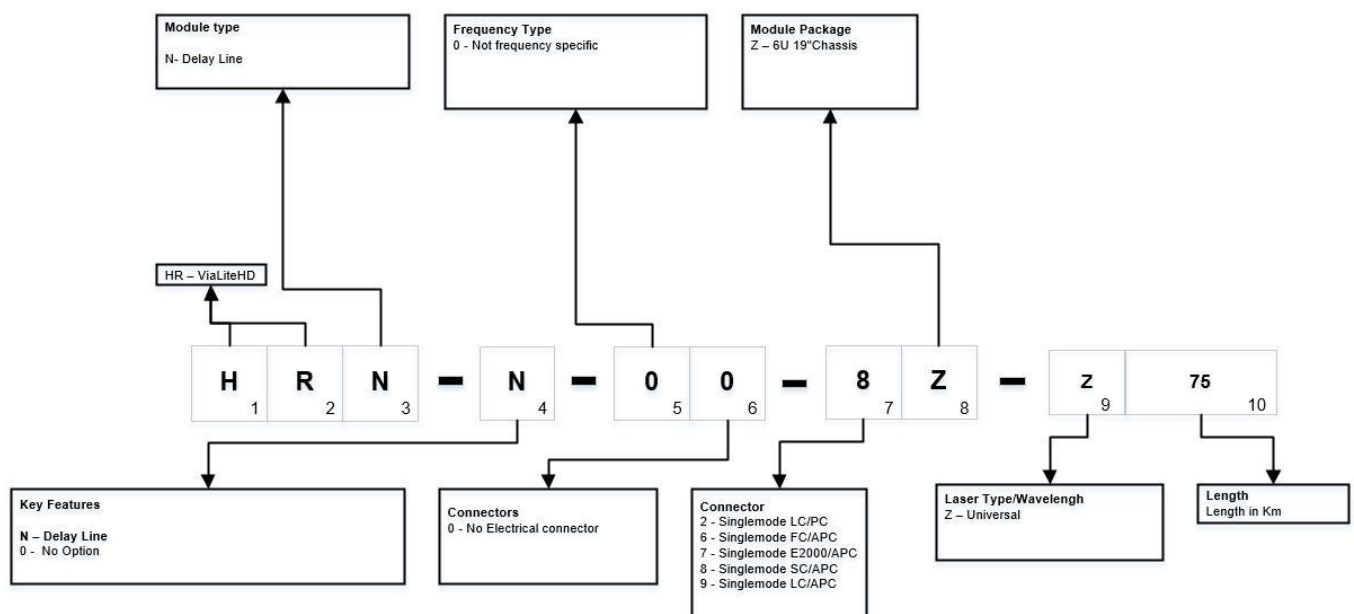
## ViaLite System Designer

For complex designs where multiple DWDM products are required the System Designer tool is essential for predicting and validating performance results. The software uses a drag and drop approach from a pallet of products. Once designed, the analyzer can be run to give end-to-end system results and these can then be saved as a detailed PDF.

Please ask our sales team for more information.



## Product configurator







## Popular products

HRN-0-00-8Z-Z50  
Delay Line, Singlemode SC/APC

## Technical specification

	Example Optical Delay Line
Part Number	HRN-0-00-8Z-75
Length	75 km (Length Specified by per application)
Optical Loss @ 1550 nm	15 dB (typ)
Interface	SC/APC
SBS Threshold	+6 dBm
Operating temperature range	-20 °C to +70 °C
Storage temperature range	-40 °C to +80 °C

## Accessories

Type	Key Features
<b>RF over Fiber L-Band HTS DWDM Links</b> 	<ul style="list-style-type: none"> <li>• L-Band HTS (700-2450 MHz)</li> <li>• Up to 500 km systems available</li> <li>• 1 to 96 channels per fiber</li> <li>• Ideal for Ka-Band rain fade diversity</li> <li>• 5 mW Laser</li> </ul>
<b>RF over Fiber Timing modules</b> 	<ul style="list-style-type: none"> <li>• Radio timing signals: DCF, MSF signals JJY, BPC, HBG, TDF, WWVB, WWV, CHU, RJH, RWM,</li> <li>• IRIG-B</li> <li>• Loran-C &amp; eLoran</li> <li>• 10 kHz – 50 MHz signals</li> <li>• GPS (via GPS Link)</li> <li>• MiFID II standard</li> </ul>
<b>Rack Chassis</b> 	<ul style="list-style-type: none"> <li>• 3U accepts up to 13 RF or Support cards, plus an SNMP card and dual power supplies</li> <li>• A 1U chassis accepts up to 3 RF or Support cards or 2 cards and an SNMP card (with dual power supplies)</li> <li>• Up to 26 channels per 3U chassis (using dual RF cards) – reducing the amount of rack space required</li> <li>• Blind mate option</li> <li>• All modules hot-swappable and auto-reconfigure with SNMP option</li> <li>• On-card LNB and BUC power options</li> <li>• Power fed through rear chassis connector to card Bias Tees</li> <li>• System can be monitored and controlled remotely via SNMP using a web browser</li> </ul>
<b>Outdoor Enclosures</b> 	<ul style="list-style-type: none"> <li>• CE approved and EMC compatible</li> <li>• IP rated and NEMA approved</li> <li>• Plug and play format</li> <li>• Suitable for harsh environments</li> <li>• All modules hot swappable</li> <li>• Dual redundant power options</li> <li>• Interface for monitor and control (M&amp;C) systems</li> </ul>