Features and Benefits

- Easier installation allows companies to start providing services sooner
- Better cost-benefit relation due to lower overall installation costs
- Lower hardware costs than traditional systems
- Less manpower and resources needed for installation and maintenance
- Shorter spans can minimize cable pulling issues
- Preinstalled factory assembly helps reduce labor to prepare drop boxes
- Integrated multiple mounting methods can simplify installation in unknown conditions

Product Description

The multi-dwelling unit (MDU) environment offers a significant challenge to the network provider. Ranging from older existing buildings to new constructed facilities, the cabling strategy can vary greatly. The new V-Linx™ Spool and Play Solution introduced by OFS is designed to address the varying conditions in MDU infrastructure. Uniquely designed for dense, multi-floor units, the V-Linx Solution provides components that can be configured flexibly to address the profusion of cabling conditions within both Greenfield and Brownfield environments.

The deployment of the V-Linx Solution can significantly speed installation and requires less labor to install the backbone by using our short length spool-and-play technology. A simple set of spool-and-play hardware allows a small service team of one or two people to install the entry distribution cabinet, route a few factory-built riser assemblies, and plug drop boxes to the riser quickly and efficiently into the MDU. The system is designed to minimize multiple long-run riser installations and eliminate splice time. These hubs are designed to enable small crews to deploy entire systems in hours versus traditional large crews taking days.
V-Linx Fiber Distribution Hub (FDH)
- Design enabled by AllWave® FLEX ZWP Fiber
- Uses compact PLC splitter technology
- Quick provisioning of circuits with SCA connectors
- Minimal cable management from use of optimized splitter cable lengths
- Up to four 1x32 splitter modules, 144 ports per FDH

V-Linx Combiner
- Compact size
- Supports aggregation of up to 72 units (60 most common)
- Uses multi-fiber connector interface
- 0.35 dB loss per connection
- Integrated with V-Linx Cables at the factory
- Field integration of V-Linx Cables optional
- Up to 200 feet of riser cable

V-Linx Terminal
- Hands-free fiber pay-off operation
- Integrated spool axle for fiber storage
- Spool-and-Play functionality from the factory
- 50 – 300 feet of integrated round ribbon cable
- Parking adapters for units not in service
- Wall mountable onto multiple surfaces
- Highly compact design
- AllWave FLEX ZWP fiber enabled design

V-Linx Drop Assemblies
- Provide tight bend routing capability to reach each living unit with a flexible design, and remarkable durability and optical performance.
- Factory assembled to create high performance terminations as single or double ended assemblies.
- Common industry splicing or connectors can be used with the single ended drops in those unique situations needing exact lengths
Having Problems? We Have a Solution

| Problem | The V-Linx Solution ...
|---------|------------------------
| Current MDU solutions require long lengths of cable routed through many floors demanding crews of many people to work for several days. | Can reduce the number of man hours, freeing technicians from monitoring cable payout. |
| Many existing MDU hardware designs lack basic needs such as cable storage, slack storage, connector parking, and splice management. | Effectively provides a comprehensive solution to all major problems. |
| Traditional systems install an entry box and separate cables to each floor’s distribution boxes. | Can drastically reduce the number and length of cables installed. |
| Limited space might jeopardize the optical path with small radius bends. | Includes components which feature OFS’ AllWave® FLEX Zero Water Peak (ZWP) Fiber, the first bend-optimized single-mode ZWP fiber in the industry. |
| Custom cabling systems require extensive engineering and time to build. | Features a simplified set of hardware that provides flexible engineering and less inventory to cover a broad range of applications |

Key Components of the V-Linx Spool and Play Solution

For additional information please contact your sales representative.
You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.