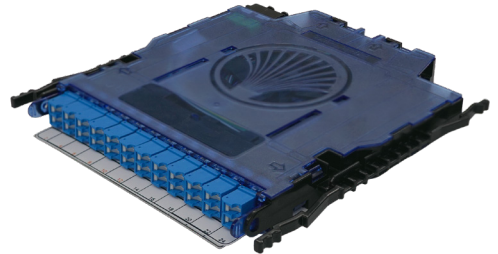


## Application

The NOVA™ Cassette provides 12-24 ports of connectivity based on adapter style. Deployed with SC or LC connectors, a single NOVA Cassette is customizable to any configuration the network environment requires.

## Description

Nova Cassette building on the Clearview® Cassette legacy providing scalability and flexibility within multiple configurations and a toolless installation. The new integrated sliding rails remove the need for additional parts and tools during installation and maintenance. Additionally, the newly integrated designation cards in each cassette for improved port designation accuracy.



## Features and Benefits

### Integrity

- Terminations designed, tested and certified to Telcordia GR-326
- Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Fiber cable certified to Telcordia GR-20 & GR-409
- Supports all industry standard singlemode and multimode connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspect

### Protection

- Designed to handle the toughest operating environments, provides flexibility and reliable performance
- Cassettes enclosed to protect fiber whether using splicing application or plug and play MPO/MTP

### Access

- Tool-less, snap together design makes turn-up time even faster
- Integrated designation card providing quick and accurate designation
- Ships ready to install with miscellaneous accessories
- Integrated mounting slide rails reducing the need for tools and additional parts

### Investment

- Modular design allows ports to be configured to user-defined application requirements
- Continues to support Clearfield's 'Grow-as-you-go'

## Technical Specifications

NOVA Cassette	
Dimensions	.80" H x 7.82" W x 8.05" D
Ratings	Terminations are designed and tested to Telcordia GR-326, Tested to GR-63 NEBS 3 and UL 94 V-0; Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards.
Operating Temperatures	-40°C to +85°C (-40°F to +185°F)
Storage Temperatures	-40°C to +85°C (-40°F to +185°F)
Connector Types	Supports industry standard SC, LC, and MPO/MPT singlemode and multimode connectors
Material	Polycarbonate
Mounting Options	Integrated slide rails

## Cassette Configuration Options

### MPO Plug-and-Play

MPO to industry standard connector allows for plug-and-play by mating MPO to MPO with pre-terminated multi-fiber OSP or IFC. Also available in dual MPO 24-fiber configuration.

### In-Cassette Splicing

The in-cassette splicing has a splice tray integrated into the base of the cassette allowing splicing directly in the cassette to reduce real estate. The cassette provides 12-24 ports of connectivity with the ability to scale one cassette at a time.

### Pigtail

Cassette allows all industry standard adapters or cable construction and can be configured for customer preferences.

### Integrated Optical Components

NOVA Cassette integrates optical components into the identical cassette, allowing options to mix and match fiber modules with optical components in the same chassis footprint.

## Configured Part Numbers

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<p><b>1 Select Enclosure Type</b></p> <p>M1 = MPO 1x24 M2 = MPO 2x12 M3 = MPO 3x8 M4 = MPO 1x12 P = Patch Only S = Patch and Splice</p>	<p><b>4 Select Connector Style</b></p> <p>SCU = SC/UPC SCA = SC/APC LCU = LC/UPC LCA = LC/APC</p>	
<p><b>2 Select MPO Exit</b></p> <p>R = Right L = Left Z = N/A</p>	<p><b>5 Select Mode</b></p> <p>S = Singlemode 4 = Multimode (OM4)</p>	
<p><b>3 Select Port Count</b></p> <p>012 = 12 Ports 024 = 24 Ports (LC Only)</p>	<p><b>6 Select Cable Type</b></p> <p>R = Ribbon L = Loose Tube Z = MPO Cassette/In-Cassette Splicing</p>	