Clearview® Cassette
Clearview xPAK

CLEARFIELD

Application

Engineered to land small port count fiber assemblies and optical components as conveniently and inexpensively as possible, the xPAK simplifies fiber management to the level of a consumable good. Clearview xPAK can be deployed as a stand-alone device, or with FieldSmart® Fiber Delivery Point (FDP) products for a wide range of network environments.
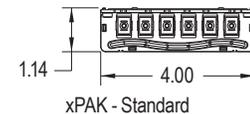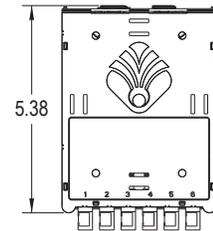
Description

At first glance, Clearview xPAK looks like any other LGX compatible package, but upon closer inspection, technicians will see a new generation of innovation in the delivery of terminated fiber assemblies. Clearview xPAK is single-piece element in which all required components for fiber protection are integrated. It is shipped flat and simply folds to shape.

The Clearview xPAK supports two, four or six ports of patch and splice (Clearfield's in-cassette splicing solution) configurations. The compact 4" x 5" (101.60 mm x 127.00 mm) solution is perfect for landing small count terminations at the fiber delivery point. The kit comes with everything you'll need: flat cassette, adapters, 2, 4 or 6-fiber 900 μm ½ meter assembly, splice sleeves, strain relief boot, grommet tape, zip ties and universal mounting bracket.

Priced to allow field personnel to carry quantities of Clearview xPAK Cassettes in the field, xPAK is shipped flat and unassembled. At the deployment site, the technician will take the xPAK device, and following pictorial user instructions, will assemble the device to match his field requirements. Integrated into the footprint of the device, is an industry-compatible splicing tray, which is then surrounded with fiber protection elements that support either a two, four or six port fiber assembly as well as a range of optical component devices.

Clearview xPAK is the ideal fiber management device when up to six fibers (or us to 12 LC) are landed or an optical component device is deployed in a remote location. Application environments include cell backhaul, business class service delivery, node segmentation, fiber exhaust in a field pedestal, sub-station turn-up or fiber-to-the-desk deployment.

5.38

1.14

4.00

xPAK - Standard

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
- Supports industry standard SC, LC and MPO/MTP singlemode and multimode connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspect

Protection
- Radius protected storage for up to ½ meter of 900 μm jacketed fibers
- Durable polypropylene construction (impact plastic)
- Integrated fiber management protects fiber from micro-bend and macro-bend damage

Access
- Small design facilitates ease of use in crowded environments
- Easy assembly - no tools required
- Front: 6 SC ports; Rear: 1 SC port or 1 MPO/MTP
- 9 SC port faceplate available

Investment
- Pre-configured/factory loaded, patch only factory terminated assemblies
- Patch and splice
- LGX compatible flange mount
- Wall mount capable
- One piece construction with "living hinge"
- Supports optional component integration
- Plug-and-play with MPO configurations

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Technical Specifications

Clearview xPAK	
Dimensions	1.14" H x 4" W x 5.38" D (28.96 mm x 101.60 mm x 136.52 mm)
Ratings	Terminations are designed and tested to Telcordia GR-326; Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
Backwards Compatible	N/A
Material	Durable polypropylene (impact plastic)
Connector Types	Supports industry standard SC, LC and MPO singlemode and multimode connectors
Meters/Feet of Slack Storage	½ meter of 900 µm tight buffer fiber used for internal splicing, 12-fiber xPAK requires ribbon splicing
Mounting Options	Standard faceplate and LGX faceplate

Cassette Configuration Options

Patch and Splice (Clearfield's In-Cassette Splicing Solution)

The 6-fiber splice tray molded into the xPAK tray is all that is needed to deliver an integrated patch and splice application. 2, 4 or 6-fiber 900 µm ½ meter assemblies are pre-terminated, pre-loaded and slack stored inside the xPAK ready for splicing.

Patch Only

Regardless of the industry standard adapter or cable construction, the pre-terminated length of OSP or IFC cable is pre-loaded within Clearview xPAK for patch only configurations.

MPO Plug-and-Play

MPO to industry standard connectors allows for plug-and-play by mating MPO to MPO with pre-terminated multi-fiber OSP or IFC.

Optical Components

Optical components can be integrated into the Clearview xPAK.

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Pre-Configured Part Numbers

Connector Type	2 Port	4 Port	6 Port	12 Port
SC/UPC	2PAK-SC	4PAK-SC	6PAK-SC	N/A
SC/APC	2PAK-SCA	4PAK-SCA	6PAK-SCA	N/A
LC/UPC	2PAK-LC	4PAK-LC	6PAK-LC	12PAK-LC-01 (Ribbon)
LC/APC	2PAK-LCA	4PAK-LCA	6PAK-LCA	12PAK-LCA-01 (Ribbon)

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

E ____ ____ - ____ ____ ____ - ____ 1 ____   **XXXM or XXXF**

[1] [2]   [3]   [4] [5]

[1] Select Mounting Option

H = LGX mounting
J = Standard mounting

[2] Cable Exit

A = Side right
B = Back right
C = Side left
D = Back left

[3] Select Port Count

002 = 2   006 = 6
004 = 4   012 = 12 (LC Only)

[4] Select Connector Style

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC

[5] Select Cable Construction

A = Indoor riser rated
B = OSP riser rated
C = Indoor, plenum rated
E = OSP (non-rated)
F = Patch and splice cassettes
M = OSP (armored)
W = FieldShield

XXXM or XXXF

XXXM = Length in meters
XXXF = Length in feet