

For complete HD Flex Fiber Cassette Enclosure installation instructions, visit www.panduit.com and search FS111*.

Part Numbers

Product Family	Cassette Part Number	Cassette Description
12-Fiber LC Splice/FAP Cassette (LC pigtailed not included)	FHSXN-12-10N	FAP (Fiber Adapter Panel) Cassette w/ Aqua Zirconia Adapters
	FHS9N-12-10N	FAP (Fiber Adapter Panel) Cassette w/ Blue Zirconia Adapters
12-Fiber LC Splice Cassette (Pre-loaded with Discrete Pigtailed)	FHSXO-12-10P	12-Fiber OM3 LC Discrete Pigtailed; Optimized IL
	FHSZO-12-10P	12-Fiber OM4 LC Discrete Pigtailed; Optimized IL
	FHSZA-12-10P	12-Fiber OM4 LC Discrete Pigtailed; Ultra IL
	FHS9N-12-10P	12-Fiber OS2 LC Discrete Pigtailed; Standard IL
12-Fiber LC Splice Cassette (Pre-loaded with Ribbon Pigtailed)	FHSXO-12-10R	12-Fiber OM3 LC Ribbonized Pigtailed; Optimized IL
	FHSZO-12-10R	12-Fiber OM4 LC Ribbonized Pigtailed; Optimized IL
	FHSZA-12-10R	12-Fiber OM4 LC Ribbonized Pigtailed; Ultra IL
	FHS9N-12-10R	12-Fiber OS2 LC Ribbonized Pigtailed; Standard IL

General Information and Contents

1. HD Flex LC Fiber Adapter Panel (FAP)
 - Configured to accommodate pre-terminated cable assemblies.
2. HD Flex LC Preconfigured Splice Cassette – Available in 2 Configurations:
 - Configured with 12 Discrete Pigtailed, (12) 40mm Discrete Splice Sleeves, and 2 Pan-Ty Cable Ties.
 - Configured with a 12-Fiber Ribbon Pigtailed, (1) 40mm Ribbon Splice Sleeve, and 2 Pan-Ty Cable Ties.

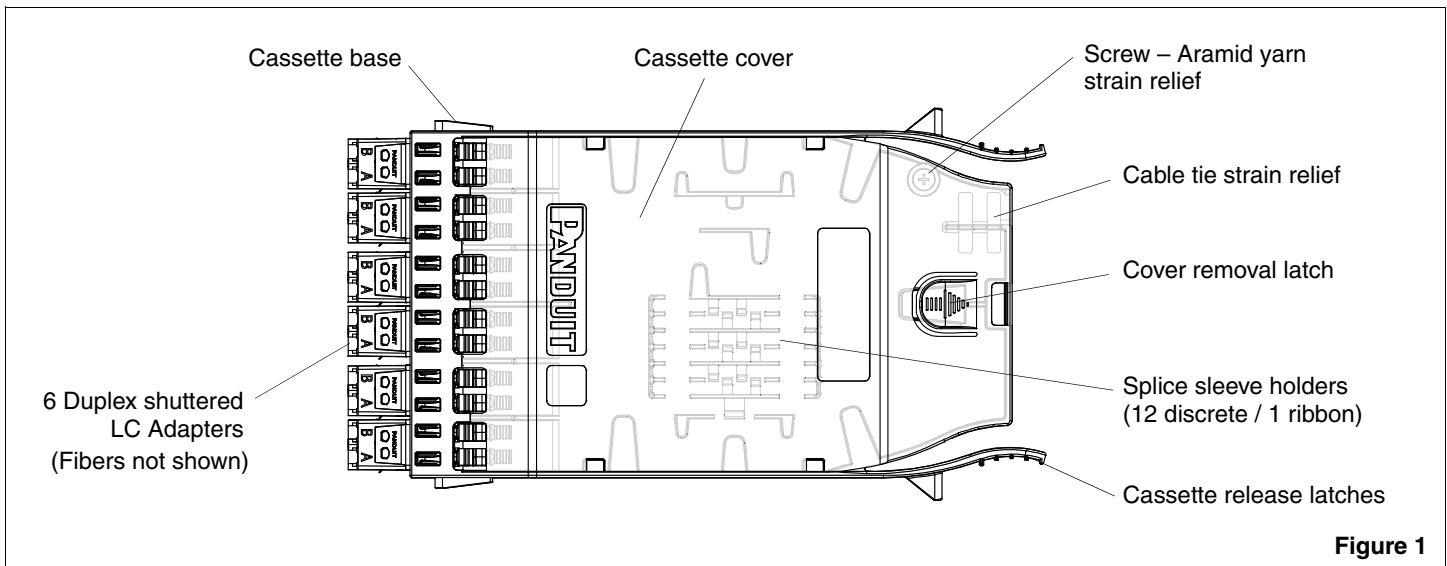


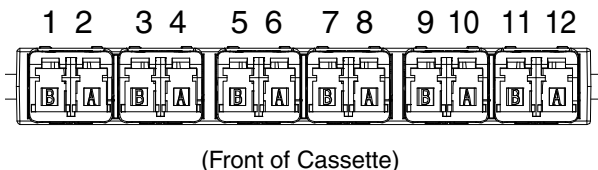
Figure 1

WARNING: UNMATED CONNECTORS MAY EMIT INVISIBLE LASER RADIATION. MAINTAIN DUST CAPS ON UNMATED CONNECTORS.

CAUTION:

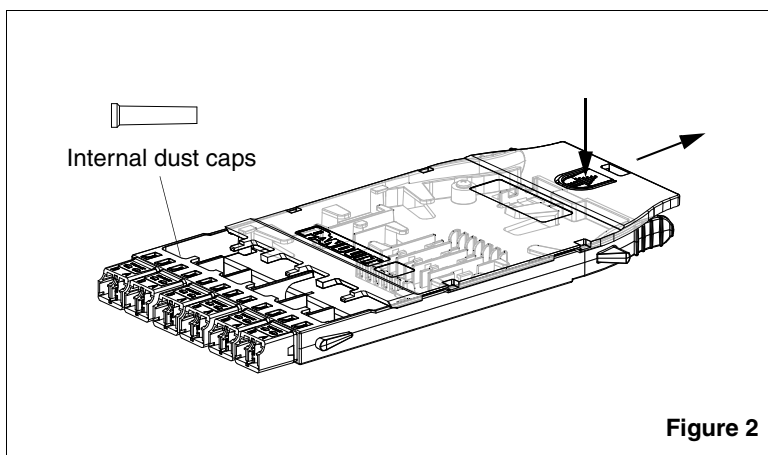
Fiber optic cable is sensitive to excessive pulling, bending, and crushing forces. Consult the manufacturer's cable specification sheet for the specific cable in use.

Fiber Color Coding – Telcordia (Standard)



Fiber Color Key	
Fiber 1 – Blue	Fiber 7 – Red
Fiber 2 – Orange	Fiber 8 – Black
Fiber 3 – Green	Fiber 9 – Yellow
Fiber 4 – Brown	Fiber 10 – Violet
Fiber 5 – Slate	Fiber 11 – Rose
Fiber 6 – White	Fiber 12 – Aqua

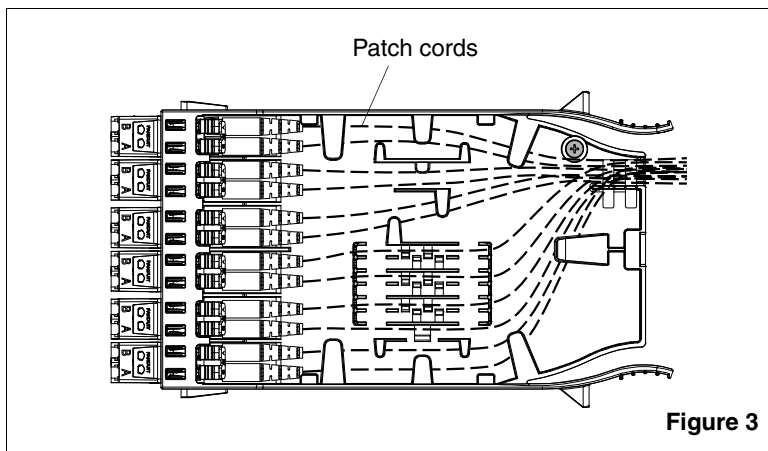
FAP Termination – Fiber Adapter Panel Cassette



Remove cover and internal dust caps.

It is recommended to use Panduit cable assemblies.

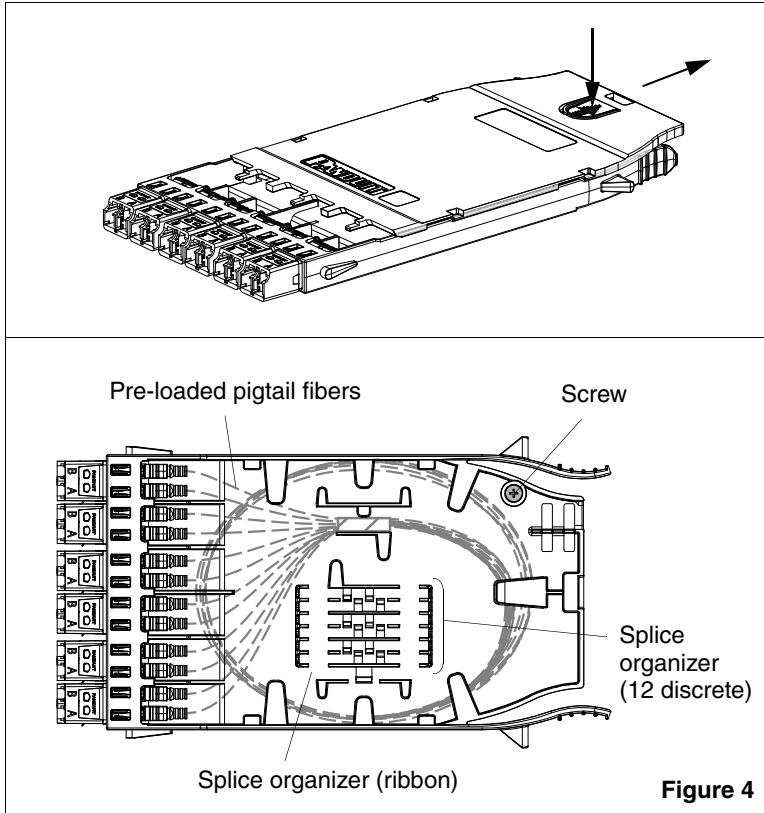
Note: When using jacketed patch cords, use maximum cable diameter of 2.0mm and maximum connector length of 2.0 inches (from end of ferrule to end of boot).



Install patch cords and route cables as shown.

Re-install cover.

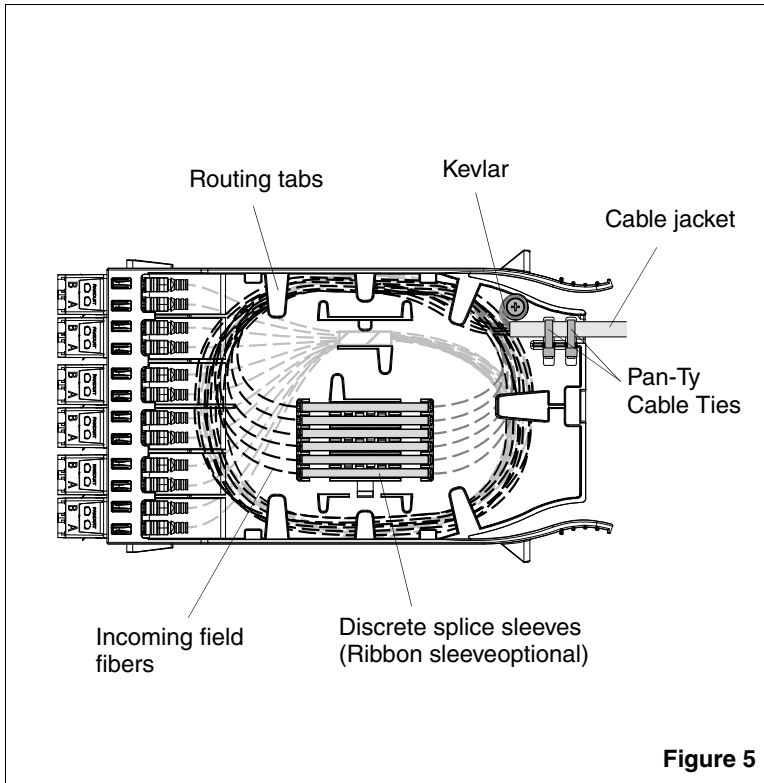
Pigtail Termination – LC Splice Cassettes



Remove the cover.

Pre-loaded pigtail fibers are shown as grey dashed lines.

Figure 4



Strip incoming field cable outer jacket 20 inches. Secure with Pan-Ty Cable Ties, and Kevlar with screw (optional). Max cable diameter: 7.4mm

Expose all fiber ends for splicing. Slide a splice sleeve onto either the (pigtail or field) fiber. Strip off approximately 35mm of coating from each fiber. Wipe the bare fiber with a lint-free tissue soaked with isopropyl alcohol. Cleave the fiber so that 10mm (both for 250µm and 900µm coating diameter) of bare fiber extends past the fiber coating.

Note: Do not clean the bare fiber after it has been cleaved, and do not let it come in contact with any surfaces.

Splice all fibers and heat splice sleeve(s). Refer to splicer manufacturer best practice instructions.

Route spliced fibers into cassette ensuring fibers are located under the routing tabs. Incoming field fibers are shown as black dashed lines.

Secure splice sleeves within splice organizer.

Re-install cover.

Figure 5

<p>For Instructions in Local Languages and Technical Support: www.panduit.com/resources/install_maintain.asp</p>	 www.panduit.com	<p>E-mail: techsupport@panduit.com Phone: 866-405-6654</p>
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