

EDGE™ Splice Cassette

12 F, LC duplex, Single-mode UPC, single-fiber

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EDGE™ Splice Cassettes provide the interface between the bulk cable and the LC duplex jumpers that connect directly into the electronics. The splice cassette includes a one meter bare ribbon (or twelve x 250 µm single fiber) pigtail, that is loaded within the cassette, and can be mass-fusion spliced directly to either ribbon or loose fiber cable. The LC duplex adapters feature hinged VFL-compatible shutters that move up and out of the way when the connector is inserted.

Features and Benefits

Shuttered adapters

Create one-hand operation while eliminating need to keep up with dust caps

Modules connectors mate directly to trunk

Eliminates one MTP Connector pair for reduced overall link loss

Splicing with EDGE cassette

Eliminates the need for a separate splice tray within the housing



Specifications

General Specifications

Application	Data Center LAN/SAN
Product Type	Cassettes
Splice Option	Yes
Fiber Category	SM (OS2)

Temperature Range

Operating Temperature	-20 °C to 60 °C
Installation	-5 °C to 50 °C
Storage Temperature	-25 °C to 70 °C

Design - Hardware

Fiber Count	12
Number of Adapters per Panel	6
Number of pigtails	12

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Design - Hardware

Number of pigtail bundles	1
Pigtail Length	1.5 m
Connector Type	LC duplex
Pigtail Type	Telcordia color coded for buffers and fibers
Number of Splice Trays	1
Splice Tray Type	EDGE splice cassette with organizers
Number of Splice Protectors	12
Splice Protectors Type	Heat-shrink splice protection
Adapter Type Front	Shuttered LC
Adapter Color Front	Blue UPC
Fiber Capacity	12
Panel or Module Type	EDGE™

Mechanical Characteristics

Dimensions (HxWxD)	12 mm x 90 mm x 176 mm (0.46 in x 3.53 in x 6.93 in)
Weight	0.081 kg

Optical Specification - Hardware

Pigtail reflectance	≤ -0.55 dB
Module Insertion Loss, Max	0.5 dB
Wavelengths	1,310 nm / 1,550 nm

Design Adapter

Adapter Type	LC duplex shuttered
Adapter Housing Material	Composite
Adapter Housing Color	Blue
Insert Material	Ceramic
Keyed adapter	No
Shuttered adapter	Yes

Design - Connector A

Connector Type	LC duplex
Ferrule Material	Ceramic

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Ordering Information

Part Number	EDGE-CS12-AE-P00RE
Product Description	EDGE™ Splice Cassette, 12 F, LC duplex, Single-mode UPC, single-fiber
EAN Code	4056418147154
Weight	0.09 kg (0.19 lb)
Module Capacity	12

Shipping Information

Packing dimensions (L x W x H)	247 mm x 135 mm x 25 mm
Shipping Weight	0.1268 kg
Units per Delivery	1/1



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

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