

# CCHE Pigtailed Splice Cassette 12 F, LC UPC Duplex Shuttered, Single-mode (OS2)

CORNING

**Part Number:**  
**CCHE-CS12-AE-P00RE**

Closet Connector Housing (CCH) pigtailed splice cassettes enable faster field splicing and easy modular management of connectorization within the housing. They are preloaded and prerouted for quick fusion splicing of either individual or ribbon fiber pigtails, using the same space-saving platform as the standard CCH splice cassette.

The prerouted pigtailed cassettes reduce field labor by streamlining features and components to allow for efficiencies in the field. They are prepped with a 2 m pigtail assembly with all pre-existing CCH panel connector options. The pigtailed cassettes have colored 250  $\mu\text{m}$  for ease of splicing. They also enable strain relief to be pre-applied to the assemblies from the manufacturing facility.

With the pigtailed cassette, individual splice tray or separate splice housings are eliminated, allowing splicing to be done away from the rack housing in more convenient workspaces. The modular design makes it easy to access the fiber in an individual cassette without disturbing the other fibers in the housing. Each cassette is shipped with the pigtailed CCH adapter panel of the customer's choice, one rail for use with CCH-01U/2U/3U housings, and two rails used with CCH-04U housings. Grommets and cable ties for additional strain relief and protective braided tubing for incoming cable are also included. Splicing cassettes ship with the appropriate quantity and type of heat-shrink splice protectors.

## Features and Benefits

### **Manage cable slack for a CCH panel in a modular footprint**

Fast, easy and reliable initial routing, and quick, simple reaccess for moves, adds and changes (MACs)

### **Colored 250 $\mu\text{m}$ at splice point**

Easy to identify and prep colored 250  $\mu\text{m}$  for fast and easy splicing

### **Splice cassette includes everything needed to convert a CCH housing for modular routing and/or splicing**

Easy ordering and field installation

### **Pre-prepped splice cassette**

Saves time in the field with a ready to splice product

### **Modular splice capability**

Manage all splices inside the housing

### **Broad operating temperature range (-40°C to +65°C)**

Utility and flexibility



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## Specifications

### General Specifications

|                |                                  |
|----------------|----------------------------------|
| Fiber Category | Single-mode (OS2)                |
| Cable Type     | 250 µm                           |
| Technology     | Fusion Splice                    |
| Mounting Type  | Wall-Mountable                   |
| Application    | Data Center, Enterprise Networks |

### Standards

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| RoHS                   | Free of hazardous substances according to RoHS 2011/65/EU                                                                 |
| Approvals and Listings | Meets ANSI/TIA/EIA-568A and 606, Tested in accordance with Telecordia GR-3125, UL1863 - Communication Circuit Accessories |

### Environmental Conditions

|                              |                                     |
|------------------------------|-------------------------------------|
| Temperature Range, Operation | -40 °C to 65 °C (-40 °F to 149 °F ) |
|------------------------------|-------------------------------------|

### Design

|                             |                           |
|-----------------------------|---------------------------|
| Fiber Count                 | 12                        |
| Number of pigtails          | 12                        |
| Connector Configuration     | LC duplex                 |
| Polish                      | UPC                       |
| Housing Type                | CCH                       |
| Panel or Module Type        | CCHE                      |
| Splice Protectors Type      | Heat Shrink, single fiber |
| Fiber Capacity              | 12                        |
| Number of Adapters          | 6                         |
| Number of Splice Protectors | 12                        |
| Number of Ports             | 12                        |

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## Design - Adapter

|               |                         |
|---------------|-------------------------|
| Housing Color | Blue                    |
| Adapter Type  | LC UPC duplex shuttered |

## Optical Specification - Hardware

|                |                |
|----------------|----------------|
| Insertion Loss | $\leq 0.25$ dB |
|----------------|----------------|

## Specifications - Connector A

|        |     |
|--------|-----|
| Polish | UPC |
|--------|-----|

## Dimensions

|        |        |
|--------|--------|
| Length | 162 mm |
| Width  | 35 mm  |
| Depth  | 200 mm |

## Ordering Information

|                    |                    |
|--------------------|--------------------|
| Product Number     | CCHE-CS12-AE-P00RE |
| Shipping Weight    | 0.5 kg             |
| Units per Delivery | 1/1                |



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States  
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

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