

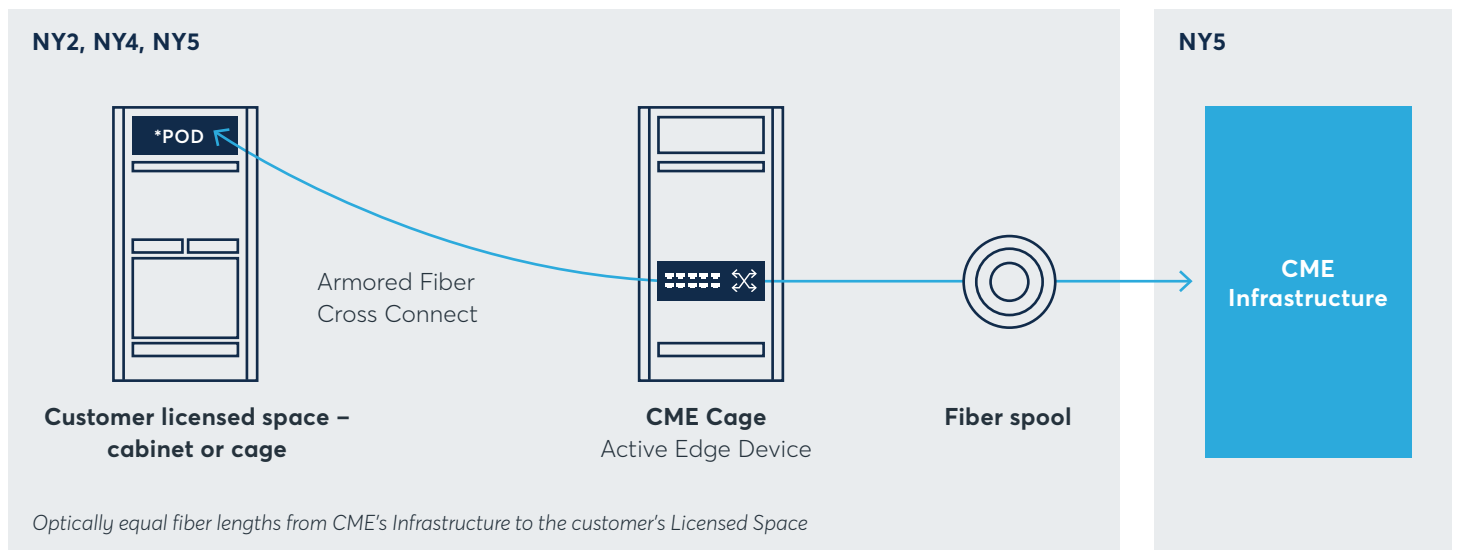
GLink Cross Connect Specifications for Secaucus and Slough

Access to GLink service is equalized. EBS customers that are co-located in Equinix facilities; NY2, NY4 and NY5 in Secaucus and LD4 and LD4.2 in Slough, are required to order a standard Equinix cross connect designed by CME Group for GLink connectivity.

GLink access equalization

GLink access equalization is achieved with the use of a standard Equinix cross connect; a physical interconnection within Secaucus or Slough data centers that exits a Customer's Licensed Space and connects to GLink service in that location. Equinix cross connects are all the same length, fiber characteristics and physical handoff. The materials used in delivering cross connects are designed, supplied and tested, before and after installation, by CME Group.

The Equinix cross connect is an armored fiber connecting Customer Licensed Spaces to Active Edge Device in NY2, NY4 and NY5 in Secaucus (shown below) and LD4 and LD4.2 in Slough. Fiber Spools are used to connect CME Group's Infrastructure to the Active Edge Devices. The armored cross connects, Active Edge Devices and Fiber Spools are engineered by CME Group so GLink connections at each campus, Secaucus and Slough, are optically equal in length.



Point of Demarcation*

Customers can choose their Point of Demarcation ("POD") within the Equinix facilities.

	IN-MESH PANEL	EXISTING PATCH PANEL	NEW PATCH PANEL
CAGE CUSTOMER	Yes	Yes	Yes*
CABINET CUSTOMER	N/A	Yes	Yes*

* Equinix approval required.

The POD is typically a relay rack with a demarcation patch panel, which will support single mode fiber. A description of the Equinix POD can be found at this link; [Equinix Global BX Policy](#). (Hint: search for 'Point of Demarcation').

Cross Connect Fiber specification for GLink connectivity:

CHARACTERISTIC	METRIC
Single Mode Armored Fiber	1310 nm
Fiber Core	9/125 um
LC Connector	10GBase-LR long-wavelength/long haul
Certification	Verified by using a Luna OBR

CME Group – GLink access equalization questions

Who is authorized to order an Equinix cross connect to a GLink service?

- An Equinix Licensed Space customer in NY2, NY4, NY5, LD4 or LD4.2, with a Letter of Authorization ("LOA") from CME Group can place a cross connect order.
- CME Group reserves the right to not issue a LOA to a customer if their cabinet is in certain non-serviceable areas within these facilities, e.g., roof top cabinets or carrier cabinet.

How do I get a LOA for GLink service?

- When an Equinix Licensed Space customer completes the required EBS paperwork for GLink service, CME Group issues a specific LOA for that customer to use when ordering the Equinix cross connect.

What are the cost and terms of an Equinix cross connect to GLink service?

- Standard Equinix cross connect charges and terms apply, customers are billed directly from Equinix for this service.
- Equinix has agreed not to apply a Non-Recurring Charge ("NRC") and Monthly Recurring Charge ("MRC") until the launch of EBS on the Globex Platform. Customer must contact Equinix about this offer before ordering services.

How are cross connects equalized?

- All the armored fiber spools between the customer's space and the access switches are identical, regardless of the campus building. Fibers connecting GLink infrastructure between the buildings have been equalized.
- CME Group has sourced all materials associated with the cross connects and tests each fiber's characteristics before and after installation to insure all connections to GLink service are in tolerance.

How are cross connects tamper resistant?

- Armored cable is being used to deter tampering with the cross connects.
- Customers are not allowed to modify, move or in any way change the physical characteristics of the cross connect.
- In the event CME Group determines that a cross connect is outside the specifications, CME Group reserves the right to terminate the cross connect or suspend or terminate the associated GLink service.

Reference documents:

[GLink Connectivity Offerings](#)

For information regarding GLink Secaucus and Slough contact globalaccountmanagement@cmegroup.com

CME Group and Equinix are providing EBS customers the ability to order new connections early with no financial impact until the EBS trading venue transitions to Globex. There is no installation fee and the billing for each connection will start after the launch of EBS on the Globex Platform. In order to qualify for this offer, you must sign a promotional service order with Equinix.

For any additional questions, please contact:

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