CISCO SYSTEMS

DATA SHEET

Cisco Half-Height Line Card Carrier for the Cisco uBR10012 Universal Broadband Router

The Cisco® Half-Height Line Card Carrier (Figure 1) for the Cisco uBR10012 Universal Broadband Router holds up to two Cisco uBR10012 half-height line cards. Each carrier utilizes a single slot on a Cisco uBR10012.

Figure 1

Cisco Half-Height Line Card Carrier for the Cisco uBR10012 Universal Broadband Router

Benefits of the carrier include the following:

- It enables the Cisco uBR10012 to use half-height line cards.

- It enables the Cisco uBR10012 to provide maximum modularity for flexible deployment options.

- It enables half-height line card online insertion and removal (OIR).

Table 1 elaborates on these benefits.

Table 1. Features and Benefits of Cisco uBR10012 Half-Height Line Card Carrier
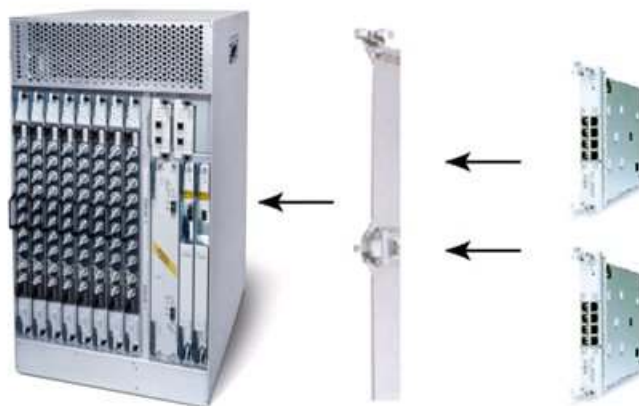
Feature	Benefit
Enables the use of half-height line cards	Makes slots available for other services or functions.
Maximum modularity	By doubling its modularity, the Cisco uBR10012 provides increased configuration, density, cost, and deployment flexibility.
OIR	A single half-height line card can be removed from the carrier without interrupting system availability, so business operations are not affected during line card replacement.

CONFIGURATION

As shown in Figure 2, a Cisco uBR10012 can hold one carrier per chassis slot.

Figure 2

One Carrier for Up to Two Half-Height Line Cards per Cisco uBR10012 Slot

HARDWARE FEATURES

- Functions in Cisco uBR10012 interface card slot

- Supports OIR of half-height line cards

PHYSICAL SPECIFICATIONS

- Height: 16 in. (40.64 cm)

- Width: 1.18 in. (3 cm)

- Depth: 10.5 in. (26.67 cm)

- Weight: 2.28 lb (1.05 kg)

PRODUCT SYSTEM REQUIREMENTS AND COMPATIBILITY

Hardware Compatibility

- **Chassis**—The line card is supported on the Cisco uBR10012 and all Cisco 10000 Series Router chassis.

- **Performance routing engines (PREs)**—The carrier is supported with the Cisco uBR10012 Performance Routing Engine 2 and all PREs available on the Cisco 10000 Series.

- **Line cards**—The carrier supports all half-height line cards available on the Cisco uBR10012 and Cisco 10000 Series.

ORDERING INFORMATION

Visit http://www.cisco.com/en/US/ordering/index.shtml to place an order.

Table 2 lists product part numbers.

Table 2. Part Numbers for Cisco Half-Height Line Card Carrier for the Cisco uBR10012

Product Number	Product Description
ESR-HH-CARRIER	Full-length base carrier for half-height line card
ESR-HH-CARRIER=	Full-length base carrier for half-height line card, spare
ESR-HH-COVER	Blank filler for half-height line card
ESR-HH-COVER=	Blank filler for half-height line card, spare

Cisco recommends that customers who order spare carriers also order enough blanks to help ensure that the configured system has no empty slots.

MIGRATION PROGRAM

A Cisco Technology Migration Plan (TMP) has been established for this product. The Cisco TMP is a sales program that allows customers to trade in Cisco products to receive a trade-in credit toward the purchase of any new Cisco product. The program underscores Cisco's commitment to customer success. Providing end-to-end networking solutions and effective product migration options provides flexibility in an environment of ever-changing technology and network requirements. More details about this program are located at http://www.cisco.com/go/tradein.

SERVICE AND SUPPORT

Cisco Systems® offers a wide range of service and support options for its customers. More information about Cisco service and support programs and benefits is located at http://www.cisco.com/en/US/support/index.html.

FOR MORE INFORMATION

For more information about the Cisco uBR10012, visit http://www.cisco.com/en/US/products/hw/cable/ps2209/index.html or contact your local account representative.

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