

Eclipse® Hardware Connector Housing with Adapters

4 rack unit, housing only, 144 fiber capacity max

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The Eclipse® Hardware connector housing (ECL-C4U) provides interconnect and cross-connect capabilities between the outside plant, riser or distribution cables and optical equipment. The housing may be rackmounted in 19-in (48.3 cm) or 23-in (58.4 cm) equipment racks and is available in a variety of fiber count configurations for most connector types. Each ECL-C4U occupies four rack spaces or units.

The design of the Eclipse Hardware connector housing incorporates several innovative jumper routing features. Jumpers are segregated by panel-specific routing clips and are routed through an easy-access trough across the front of the housing. This trough also features a removable jumper waterfall that ensures a proper bend radius as the jumpers exit the housing. When the waterfall is removed, jumpers may be routed through the bottom of the housing into other housings or into Eclipse Hardware jumper management panels. Similarly, the unique open top on the front portion of the housing, when used in conjunction with the Eclipse Hardware jumper management panels, facilitates vertical jumper routing through the top of the housing.

The Eclipse Hardware unit can be ordered empty, with connector panels and adapters, with fiber pigtails or prestubbed with a factory-tested cable assembly. Labels are provided for documentation and units can be added as needed to construct a fiber distribution frame for high-fiber-count applications.



ECL-D4U Connector Housing | Photo FOH194

Features and Benefits

Accommodates a variety of fiber terminations

Enables flexible configurations to suit any network

Complete FTTx 864-fiber solution, including splitters, to be located in standard 7 ft rack

Scalability

Efficient utilization of space for high-density applications and systems

Space savings

RDUP (RUS) Listed

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Specifications

General Specifications

Application	Central Office, Carrier Networks, CATV environments
Mounting Type	Rack 19-in, Rack 23-in
Product Type	Rack-Mountable Hardware

Design - Hardware

Housing Color	Black
Housing Type	Eclipse Hardware
Fiber Count	144
Maximum Number of Trays	(12) 0.2-in or (6) 0.4-in
Single-Fiber Splice Capacity	144
Mass Fusion Splice Capacity	144

Mechanical Characteristics

Dimensions (HxWxD)	6.9 in x 17.3 in x 11.9 in (17.5 cm x 43.9 cm x 30.2 cm)
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Ordering Information

Part Number	ECL-D4U
Product Description	Eclipse® Hardware Connector Housing, 4 rack unit, Blank Panels
EAN Code	4056418172255

Shipping Information

Units per Delivery	1/1
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