

New RTC/RTS Fiber Enclosures Frequently Asked Questions (FAQ)



Fiber Enclosures

I used to purchase the RTC18B. What is the new equivalent product?

OCC recommends the RTC1U-3AP as a replacement for the RTC18. Both products accept 3 adapter plates but the RTC1U-3AP is only 1RU in height so it saves 1RU of space on the rack.

What is the difference in the front door of the new enclosure?

Our new front doors are secured in place with our new slam latches (in lieu of the old quarter turn fasteners). In addition, the door swings open 180 degrees ensuring the door does not interfere with installer operations. All locking options will be handled in the factory.

Where is the ID label port card mounted?

Cable ID cards are mounted into an integrated slot in the new top window.

Are the new RTC/RTS fiber enclosures available in Almond?

No. The new RTC and RTS fiber enclosures are only available in black.

Can I purchase additional fiber routing hoops?

Yes. The fiber routing hoops are available for purchase separately. There is a short hoop (TCHOOPS) for the RTC1U and a tall hoop (TCHOOPT) for the RTC2U and RTC4U enclosures.

Is there any difference in the way the cable enters and exits the new cabinets?

Yes, we have provided ample tie downs in the cabinets or you may also utilize our new Strain Relief Bracket that can be purchased separately. This new Strain Relief Bracket can make the installation process easier and can be used for cable entry and also for patch cord exiting out of the front.

Is there a strain relief bracket available to secure the cable entering and exiting the cable ports?

Yes. The TCSRBR is available and will mount at any cable entry port of the new RTC and RTS enclosures.

What is the difference in new cable entry ports?

The new cable entry ports are larger than the previous enclosure allowing for greater fiber density in a smaller cabinet. We also added a retention feature to hold the grommet in place and the precut brush-style pattern simplifies the installer effort.

Can I completely remove the sliding shelf from the new RTS fiber enclosure?

The new RTS fiber enclosure contains an internal sliding shelf that can slide all the way out (front or rear). This allows the installer to bring the shelf to a convenient work surface for terminations and splicing.

What accessories are provided with the new RTC/RTS enclosure?

The accessory kit includes (4) Nylon cable ties, an 8" Velcro strap, a 16" nylon protective sock, and (2) felt straps.

Does OCC offer the new RTC/RTS fiber enclosure in custom configurations?

Similar to the old RTC/RTS product line, OCC can offer the new RTC/RTS in a number of custom configurations. Fiber enclosures are available with adapter plates, pigtails, splice kits and cable stubs pre-installed and tested at the factory.

Can the new RTC enclosures also be wall mounted?

Yes. Keyhole slots allow the RTC/RTS to be wall mounted. In addition, OCC offers a full line of wall mount fiber enclosures (WTC Series).

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Adapter Plates

How many ports does an adapter plate have?

It varies by adapter type. Port counts are typically available in 6-, 8-, and 12-fiber counts. LC adapter counts are also available in 24-fiber counts. The number of fiber strands is indicated in the part number.

What types of adapters are available from OCC?

OCC offers a full line of adapter plate types. LC, SC, ST, MTP, MT-RJ are the more common types. Other adapter types are available as well. Consult the OCC website or contact your local sales representative for a complete list.

Will the new RTC and RTS enclosures accept the standard 600 series adapter plates?

Yes, the standard RTC and RTS enclosures accept these adapter plates.

Why did OCC create a new HD adapter plate?

The new HD (High Density) Adapter Plate was designed to accommodate a greater port count within the fiber enclosure. Utilizing the new HD Adapter Plates, an RTC1U-HD4AP can accommodate four adapter plates in one rack unit. With a dual LC adapter plate, the RTC1U-HD4AP can support 48 LCs in one rack unit.

Are the 600 Series adapter plates interchangeable with the new HD adapter plates?

No, the HD Adapter Plates will only fit into the new RTCxx-HD and RTSxx-HD enclosures. The 600 Series adapter plates will fit in the standard RTC and RTS enclosures.

Can the new HD Adapter Plates fit in the old RTC enclosures?

No. The new HD Adapter Plates will only fit in the new HD RTC and RTS fiber enclosures. Please ensure that both the adapter plate part number and the fiber enclosure part number contain the letters "HD".

Splicing in the New RTC/RTS

How many splices can each enclosure hold?

The number of splices OCC recommends for each fiber enclosure is based upon the ability to accommodate splice trays and the routing of fiber strands. It is physically possible for each enclosure to house more splices than what is recommended. However, additional revisions to the interior of the enclosure may be required, including the removal of cable hoops (to make space for additional splice trays) or installing additional hoops (to support the additional fiber strands). Below is our recommended splice count per enclosure:

RTC1U:	1 Tray, 36 Splices
RTC2U:	2 Trays, 72 Splices
RTC4U:	4 Trays, 144 Splices

How many splices can each splice tray hold?

The standard splice tray can hold a maximum of 36 splices. But, some installers may reduce this quantity to 24 to reduce the fiber density within the tray.

How do I route the fibers prior to entering the splice tray?

Unlike the previous revision of the fiber enclosures, the new RTC/RTS does not require the removal of the cable hoops and the addition of a transition tray. Installers now can utilize the existing cable hoops and mount the splice tray on top of the hoops.