T670 Stadium Mounting Kit Quick Setup Guide

This Quick Setup Guide provides a step-by-step instruction on how to install your RUCKUS Stadium Enclosure for the T670 access point (AP). This QSG is common for the following mounting kits:

- Under-Seat Flush Mounting Bracket (Part Number: 902-0706-0000)
- Under-Seat 12-degree Tilt Mounting Bracket (Part Number: 902-0707-0000)

FIGURE 1 RUCKUS Stadium Mounting Bracket (Part Number: 902-0706-0000): Side View

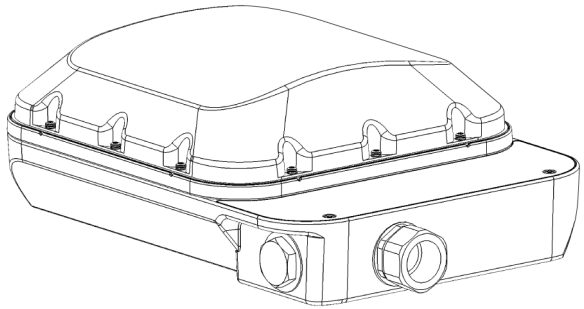
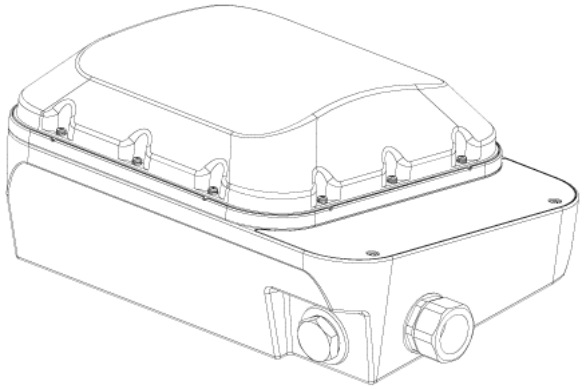


FIGURE 2 RUCKUS Stadium Mounting Bracket (Part Number: 902-0707-0000): Side View



WARNING! Only trained and qualified personnel shall install, replace, or service this equipment.

WARNING! The maximum equivalent isotropic radiated power (EIRP) at any elevation angle above 30 degrees (as measured from the horizon) must not exceed 21 dBm (125 mW) or must adhere to any local regulatory requirements.

This Guide in Other Languages

- 请从以下网站获得该指南的简体中文版 http://docs.commscope.com/?docs-box.
- Vous trouverez la version française de ce guide à l'adresse suivante http://docs.commscope.com/?docs-box.
- このガイドの日本語版は http://docs.commscope.com/?docs-box でご覧ください。
- 이 가이드의 한국어 버전은 웹 사이트 (http://docs.commscope.com/?docs-box) 에서 확인하시기 바랍니다.
- Veja a versão em português (Brasil) deste guia em http://docs.commscope.com/?docs-box
- Puede ver la versión en español (América Latina) de esta guía en http://docs.commscope.com/?docs-box

Package Contents

A complete Stadium Mounting installation kit includes the following items:

- One under-seat mounting enclosure with conduit port plugs
- One metal internal bracket
- Plastic cable cover with captive screws
- Six M6 x 12mm screws with lock and flat washer
- Two M6 x 50mm sleeve anchors
- QR code insert card

Required Hardware and Tools

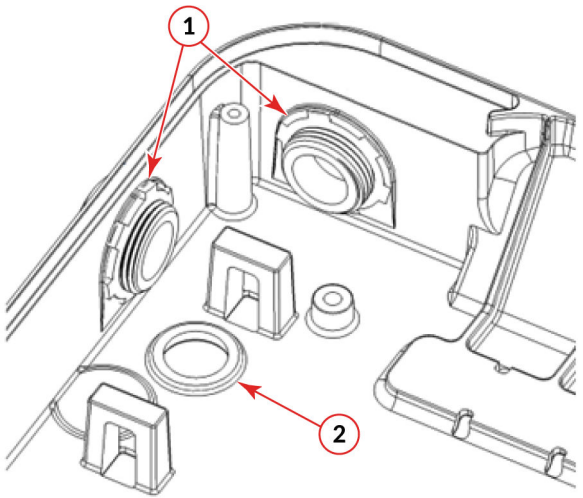
- RUCKUS T670 Outdoor AP
- Customer-supplied straight or angled conduit
- 5mm hex key
- 10mm socket
- 8mm or 5/16-in drill bit
- 3/4-in conduit backing nut wrench
- 27mm socket for cable gland
- Tape measure
- Torque wrench

Attaching Conduit with Signal or Power Cable

Plan the cable routing from the cable source to the under-seat mount before securing the under-seat mount to the tread or a riser.

The under-seat mounting kit (part number: 902-0706-0000) comes with two 3/4-inch conduit ports along with plugs on the sides and an 18mm opening on the bottom surface.

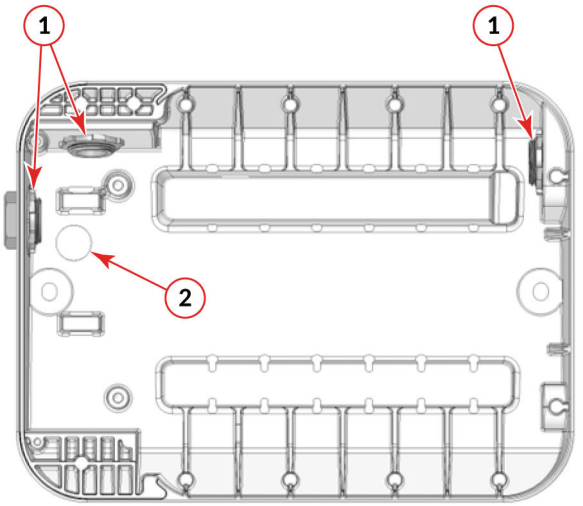
FIGURE 3 Conduit Ports and Access Opening for Part Number: 902-0706-0000



1. Conduit Ports
2. 18mm opening

The under-seat mounting kit (part number: 902-0707-0000) comes with three 3/4-inch conduit ports along with plugs on the sides and an 18mm opening on the bottom surface.

FIGURE 4 Conduit Ports and Access Opening for Part Number: 902-0707-0000



1. Conduit Ports
2. 18mm opening

Copyright © 2025 CommScope, Inc. All rights reserved.
Published January 2025, Part Number 800-73640-001 Rev A

Attach the cabled conduit to a conduit port as follows:

1. Remove the required conduit plug and replace it with the customer-supplied straight or angled conduit.

FIGURE 5 Replacing a Plug with Customer-Supplied Conduit for Part Number: 902-0706-0000

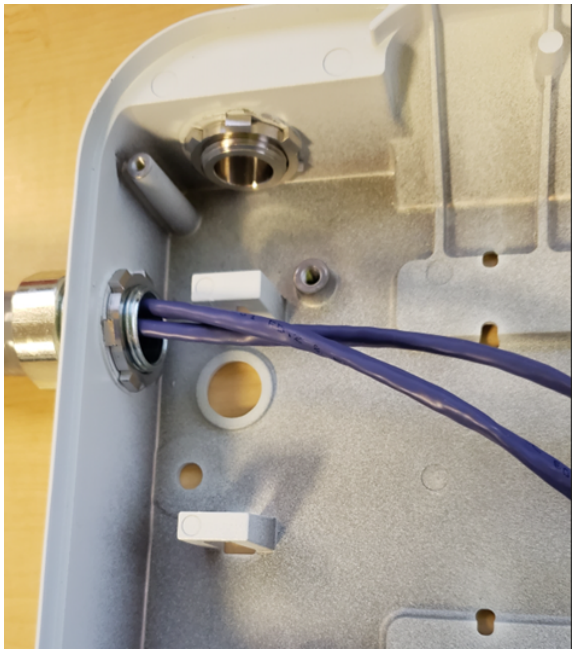
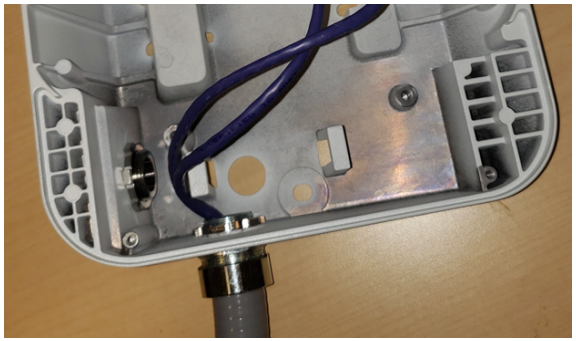


FIGURE 6 Replacing a Plug with Customer-Supplied Conduit for Part Number: 902-0707-0000



2. (Optional) To use the 18mm opening at the bottom of the under-seat mounting, position the opening over the cable source from the tread or riser.

   No conduit is needed as the under-seat mount will be secured to the tread or riser.

Attaching the Under-Seat Mount to the Tread or Riser

1. Using an 8mm or 5/16-inch drill bit, drill two holes spaced 277.5mm apart to a depth of at least 50mm as shown in the following figures. You can use the under-seat mount as a template for drilling the holes.

FIGURE 7 Drill Template for Part Number: 902-0706-0000

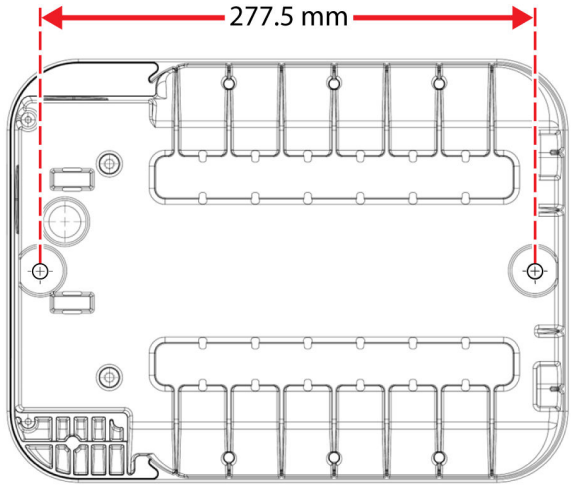
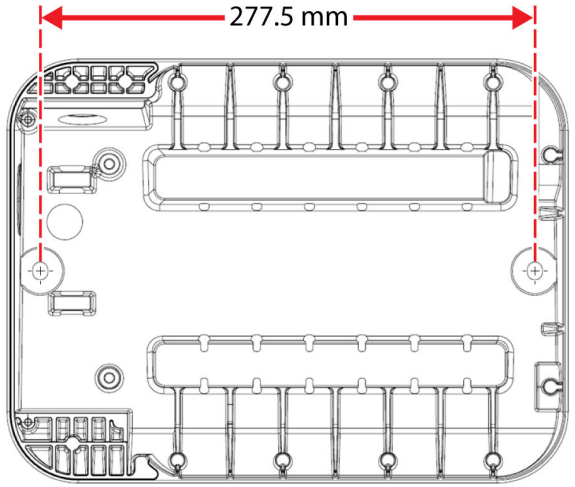


FIGURE 8 Drill Template for Part Number: 902-0707-0000



2. Secure the under-seat mount to the tread or riser using two M6 x 1.0 x 50mm sleeve anchors.

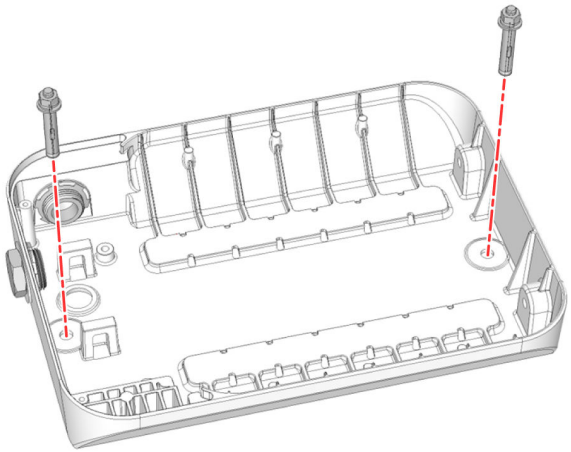
NOTE: Before inserting the sleeve anchors into the pre-drilled holes, loosen the nut so that the top of the nut is flush with the tip of the anchor, as illustrated in the picture below.

FIGURE 9 Sleeve Anchor



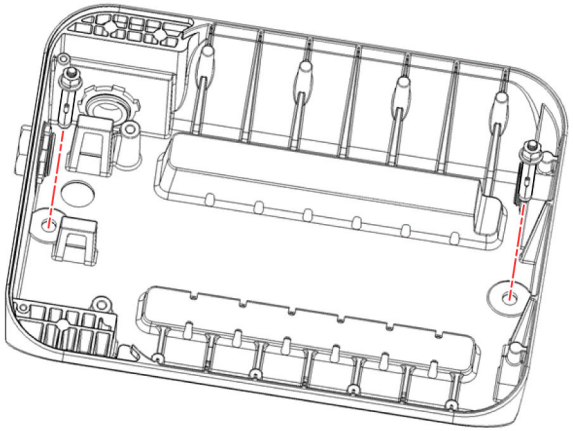
3. Insert the two M6 x 50mm sleeve anchors through both the openings in the under-seat mount and into the drilled holes.

FIGURE 10 Inserting Sleeve Anchors for Part Number: 902-0706-0000



Copyright © 2025 CommScope, Inc. All rights reserved.
Published January 2025, Part Number 800-73640-001 Rev A

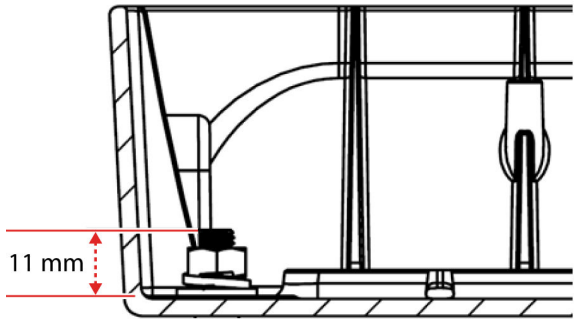
FIGURE 11 Inserting Sleeve Anchors for Part Number: 902-0707-0000



4. Torque the sleeve anchors to 80 in-lb (92 cm-kg)

NOTE: Ensure the tip of the sleeve anchor does not protrude more than 11mm from the mounting surface after torquing.

FIGURE 12 Maximum Height of Sleeve Anchor Tip After Torquing



Connecting and Configuring the AP

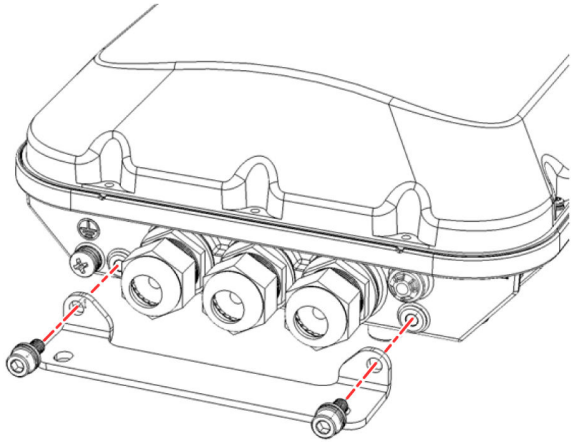
Ensure the AP is cabled, connected to the network, and configured before attaching it to the under-seat mount.

Follow the Quick Start Guide (QSG) specific to your AP to connect and configure it.

Securing the AP to the Under-Seat Mount

1. Attach the internal bracket to the AP using two M6 x 12mm screws with lock and flat washers.

FIGURE 13 Attaching the Internal Bracket to the AP



2. Torque the M6 screws to 25 in-lb (28 cm-kg).
3. Place the AP in the under-seat mount and secure it with the two M6 x 12mm screws with lock and flat washers as shown in the following images..

FIGURE 14 Securing the AP in Under-Seat Mount Part Number: 902-0706-0000

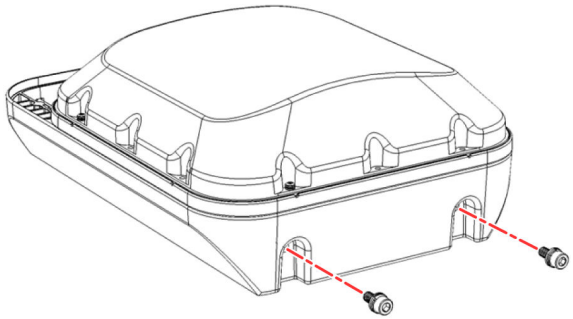
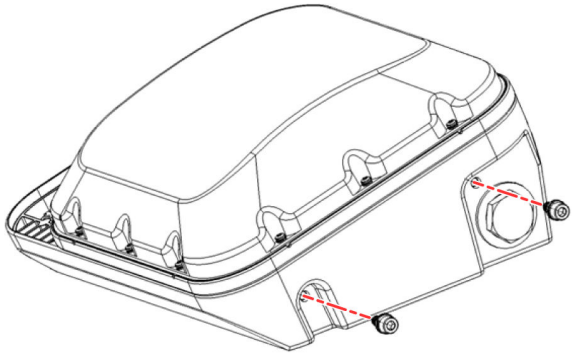
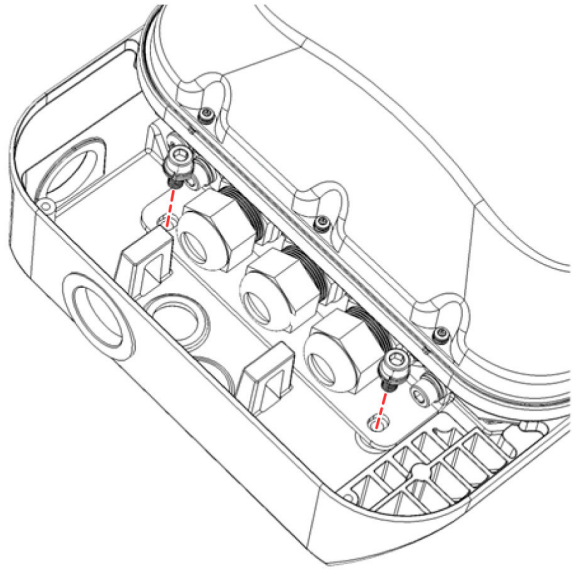


FIGURE 15 Securing the AP in Under-Seat Mount Part Number: 902-0707-0000



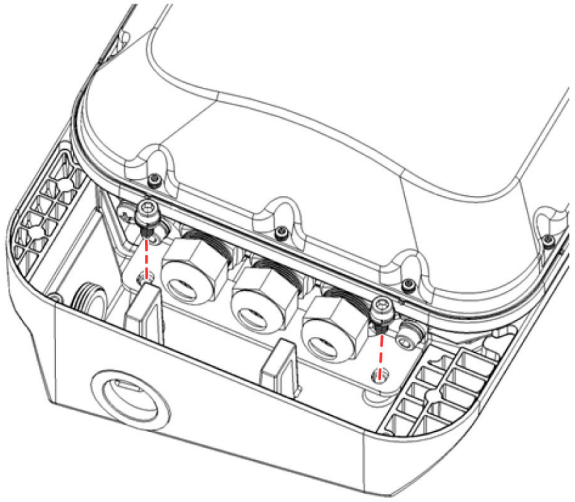
4. Torque the M6 screws to 25 in-lb (28 cm-kg).
5. Install the remaining two M6 x 12mm screws with lock and flat washers to secure the internal bracket to the under-seat mount as shown in the following images.

FIGURE 16 Securing the Internal Bracket to the Under-Seat Mount for Part Number: 902-0706-0000



Copyright © 2025 CommScope, Inc. All rights reserved.
Published January 2025, Part Number 800-73640-001 Rev A

FIGURE 17 Securing the Internal Bracket to the Under-Seat Mount for Part Number: 902-0707-0000



6. Torque the M6 screws to 25 in-lb (28 cm-kg).
7. Arrange the cables inside the cable bay so they do not run over the two raised posts or platforms. This prevents the cables from being pinched when the cable cover is installed.

FIGURE 18 Cable Arrangement for Part Number: 902-0706-0000

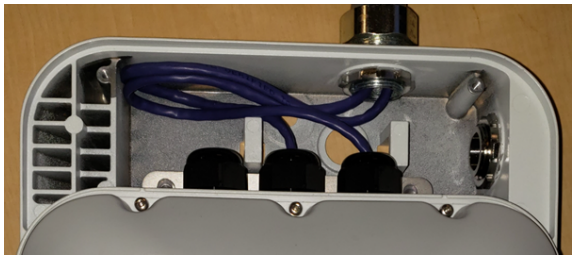


FIGURE 19 Cable Arrangement for Part Number: 902-0707-0000



8. Install the cable cover over the cable bay area. Ensure the cables are not pinched.

FIGURE 20 Installing the Cable Cover for Part Number: 902-0706-0000

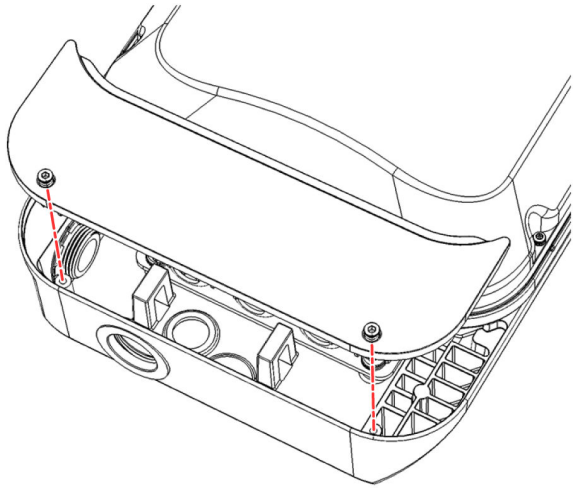
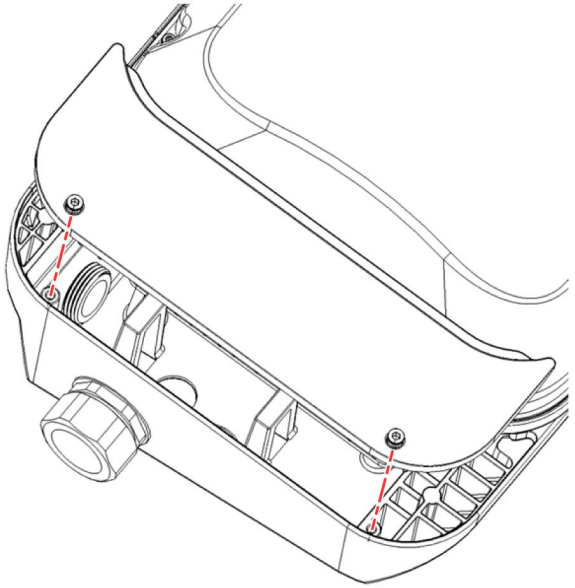
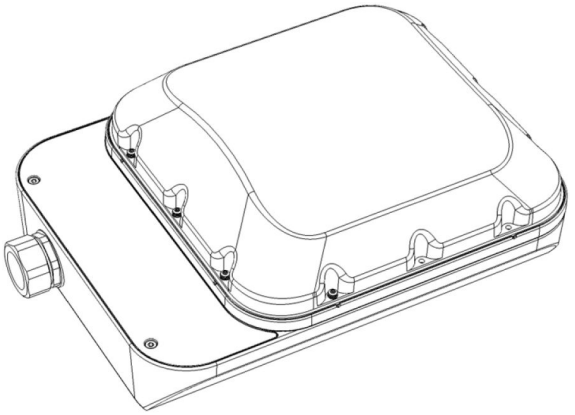


FIGURE 21 Installing the Cable Cover for Part Number: 902-0707-0000



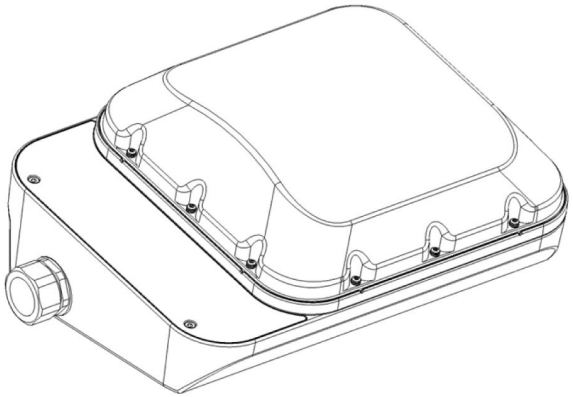
9. Torque the captive screws to 7 in-lb (8 cm-kg).
   The installation process is complete.

FIGURE 22 Installation Complete for Part Number: 902-0706-0000



Copyright © 2025 CommScope, Inc. All rights reserved.
Published January 2025, Part Number 800-73640-001 Rev A

FIGURE 23 Installation Complete for Part Number: 902-0707-0000



For More Information

For more information on how to configure and manage the AP, refer to the User Guide for the RUCKUS network management platform being used to configure and manage your network.

RUCKUS Wireless LLC is a wholly owned subsidiary of CommScope, Inc.

© 2025 CommScope, Inc. All rights reserved.

CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks, and registered trademarks are the property of their respective owners.