



GOSHAWK™
u8

Goshawk™ u8 Cable Kit Installation Instructions

U8ACC-00110-0

Document number: 700-00313-000 rev 01

23 October 2024

Table of contents

1 About this document	1
2 What's in the kit	1
3 Before you start	1
4 Install the cables	1
4.1 RX/TX LMR 240 N-male to N-male cable, 7.62 m (25 ft.)	1
4.1.1 N-to-F type connector	1
4.2 Data/WAN/Admin RJ45 cable, 7.5 m (24.6 ft.)	2
5 Cable management	3
6 Customer support	3
7 Revision history	3
8 Copyright and trademark information	3

1 About this document

This document describes how to install the cable kit (U8ACC-00110-0) in the Kymeta Goshawk™ u8 user terminal, herein after referred to as "UT."

2 What's in the kit

- (2) RX/TX LMR 240 N-male to N-male cable, 7.62 m (25 ft.)
- (2) Data/WAN/Admin RJ45 cable, 7.5 m (24.6 ft.)
- (2) N-to-F type connector
- (1) cable management "cable jacket", 6.7 m (22 ft.)
- (1) Kymeta u8 DC power kit (U8ACC-00001-0)

3 Before you start

Before you install any components, refer to *Kymeta u8 products safety and handling guide* (700-00122-000) to familiarize yourself with the key steps to remember while installing the u8 components.

Note that the UT does not come equipped with power accessories. Make sure you have one of the following kits that fits your UT setup:

- **Recommended AC power kit:** For installations requiring AC power, Kymeta offers AC-to-DC power kit (U8ACC-00044-0). Note that using this converter bypasses remote power control features. Contact Kymeta to order this kit.
- **Recommended DC power kits:** For DC power setups, use the u8 DC power kit (U8ACC-00001-0) included with the current kit.

4 Install the cables

4.1 RX/TX LMR 240 N-male to N-male cable, 7.62 m (25 ft.)

Use one cable as an RX cable to connect the **J6 port** on the UT to the **RX OUT (RX1)** port on the back of the external modem.

Use another cable as a TX cable to connect **J7 port** the UT to the **TX IN** port on the back of the external modem.

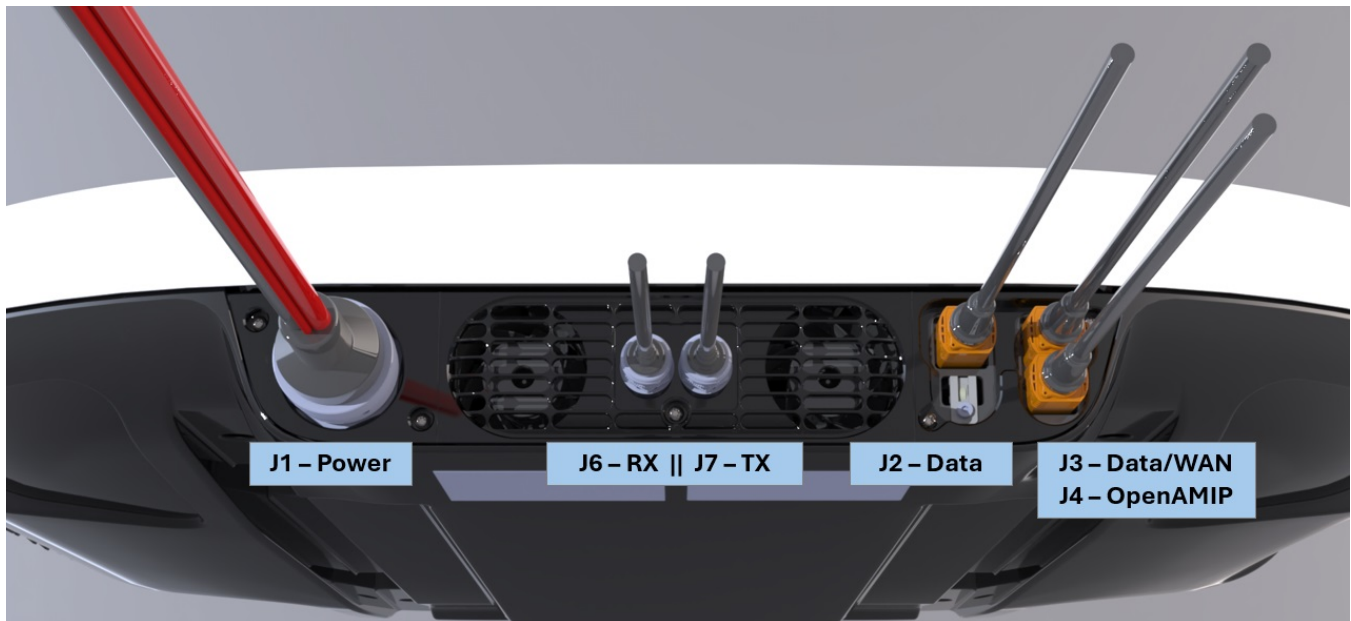
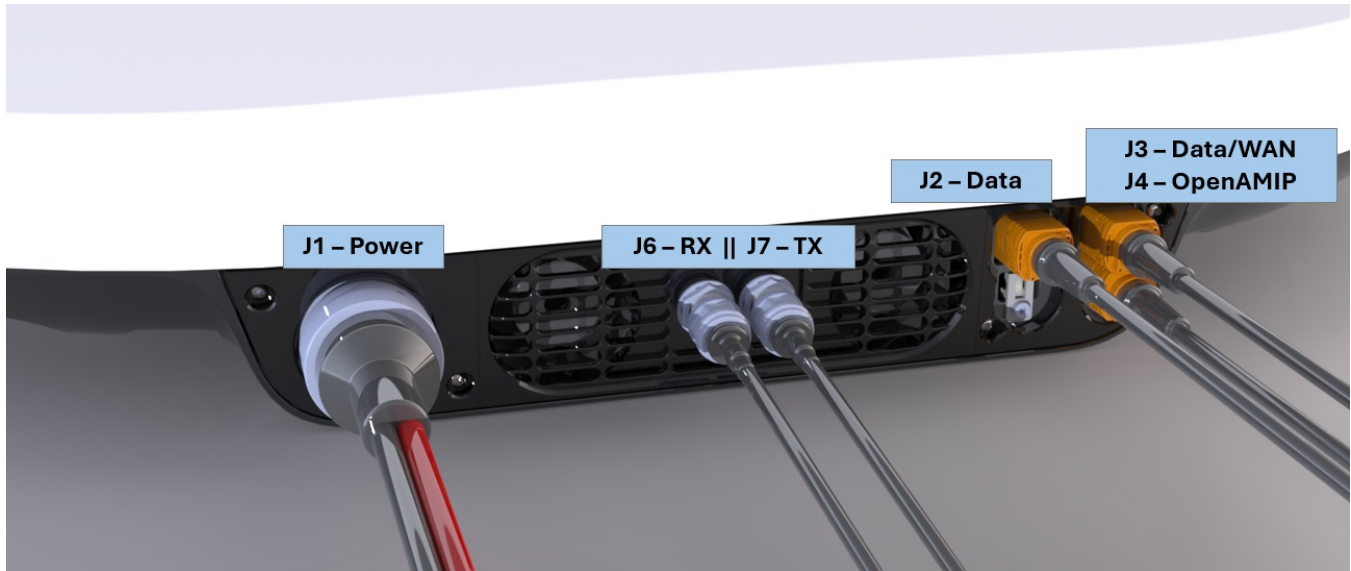
4.1.1 N-to-F type connector

If necessary, attach the N-to-F type connector to the RX and TX cables. The requirement for the N-to-F type connector depends on the specifications of the external modem to which you are connecting.

4.2 Data/WAN/Admin RJ45 cable, 7.5 m (24.6 ft.)

You need three RJ45 cables—one is included with your Goshawk u8 UT, and two are provided in this kit.

- Cable 1: Customer data cable to connect the **J2 port** on the UT to the user end device for operations on LEO.
- Cable 2: Cable to connect the **J3 port** on the UT to the **Data/WAN** port on the back of the external modem.
- Cable 3: Cable to connect the **J4 port** on the UT to the **OpenAMIP** port on the back of the external modem.



5 Cable management

After connecting the cables and mounting the UT in the desired location, use the provided cable jacket to bundle all the cables together from the terminal to the IDU location. Alternatively, you can implement your own cable management solution if preferred. Note that the cable jacket will not fit over the DC power line splice connectors (refer to [Section 2 What's in the kit](#)). Therefore, if using the DC power cable inside the cable jacket, start the cable jacket after the line splice connectors.

6 Customer support

Contact Kymeta customer support at support@kymetacorp.com or call Kymeta **1-855-525-6638** for urgent issues.

7 Revision history

Revision	Change
01	Initial version.

8 Copyright and trademark information

©2024 Kymeta Corporation. All Rights Reserved. KYMETA, GOSHAWK, HAWK, OSPREY, PEREGRINE, and CONNECTED BY KYMETA are trademarks of Kymeta Corporation, with registrations or pending applications in the U.S. and/or other countries. All other trademarks are the property of their respective owners.