

Mechanical Latching

7RU

Unibody Chassis

Integrated LCU

Single Matrix

Dual DC Power

2 Robotic  
Control Units



204 Fibers

The logo for ROME Mini features the word "ROME" in a stylized font where each letter is contained within a white circle. The letter "O" is replaced by a white circle containing a black hash symbol (#). To the right of "ROME" is the word "Mini" in a white, monospaced, digital-style font. A small "TM" trademark symbol is positioned above the "E" in "ROME".

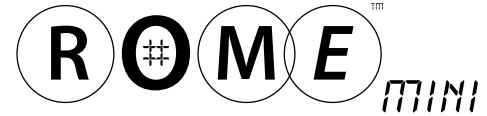
# ROME<sup>TM</sup> Mini

ROME enables physical fiber connections to be made automatically, remotely, quickly and without on-site manual intervention. ROME Mini is a smaller-scale robotic fiber switch that offers a self-contained form factor suitable for micro/modular data centers, small cells, PoPs, Telco Access networks and street cabinets.

ROME Mini delivers superior optical performance, low insertion loss and is transparent to transport protocols, wavelengths or bandwidth rates, making it a future-proof automated solution. The ROME Mini's unique automation capabilities can provide service and connectivity provisioning while ensuring significant savings on CAPEX and OPEX for network operators.

The ROME Mini brings Layer-0 automation to the edge and provides a solution for the demands of our new 5G world, where IoT, AI, self-driving cars and high end processing require a dynamic, nimble and software-defined network.

| Specifications                                    |  | ROME® Mini |  |
|---|--|------------|--|
| <b>Optical Characteristics</b>                    |  |            |  |
| Fiber   | 204 Simplex, 102 Duplex  |            |  |
| Fiber Type  | Single Mode SMF-28e or Multi-mode OM4                            |            |  |
| Patch Panel Interface                             | LC UPC Duplex  |            |  |
| Insertion Loss                                    | 1.0 dB Max (0.5 dB Typical) Patch panel to patch panel           |            |  |
| Return Loss                                       | Single Mode  | -50 dB     |  |
|   | Multi-mode   | -25 dB     |  |
| Switching Time                                    | 15 sec (Typical)   |            |  |
| <b>Power Requirements</b>                         |  |            |  |
| Power Supply Options                              | DC+DC  |            |  |
| LCU Power Input                                   | -48 Vdc; 8A  |            |  |
| Power Consumption                                 | 50W Standby  | 150W Peak  |  |
| <b>Environmental Conditions</b>                   |  |            |  |
| Temperature Range (operating)                     | 0 °C to 40 °C (32 °F to 104 °F)                                  |            |  |
| Temperature Range (storage)                       | -40 °C to 70 °C (-40 °F to 158 °F)                               |            |  |
| Humidity (non-condensing)                         | 5% to 95%  |            |  |
| <b>Mechanical Specifications for Main Chassis</b> |  |            |  |
| Dimensions  | 19" Width (482 mm), 12.21" Height (310 mm), 18.5" Depth (469 mm) |            |  |
| Mounting Depth                                    | 15.75" (400 mm)  |            |  |
| Weight  | 82 lbs (37 kg)   |            |  |
| <b>Network Interfaces</b>                         |  |            |  |
| Ethernet  | RJ45   |            |  |
| Console   | RJ45 & DB9   |            |  |



## Features & Benefits

- Automated Fiber Patch Panel
- Remotely Re-Configurable
- Single Mode or Multi-mode
- No Electronic Latency
- All Optical - Low Optical Loss
- Patented Mechanical Latching Technology
- CLI & GUI Interface
- Robotic Precision

## Applications

- Data Center Architecture
- Lab Automation
- Central Office / Remote Site Management
- FTTx - Remote Provisioning, Testing and Grooming
- Co-Location / Carrier Hotel
- Edge Computing & Modular Data Center



WAVE2WAVE®



Integrated  
Patch Panel

Slider Suspended  
Mounting

Splicing Option to  
Existing ODF

Install Off the Rack  
*(e.g. under the floor)*

Cable Managers

Integrated LCU  
to RCU Cabling