

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 enclosed in a white circle. The letter "O" contains a white hash symbol (#). To the right of "ROME" is a small "TM" trademark symbol. Below "ROME" is the word "mini" in a white, lowercase, monospace-style font.

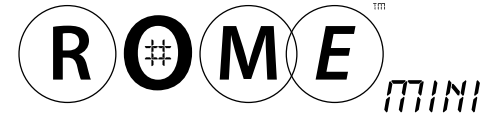
ROMETM mini

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	
Optical Characteristics			
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)		
Power Requirements			
Power Supply Options	DC+DC		
LCU Power Input	-48 Vdc; 8A		
Power Consumption	50W Standby	150W Peak	
Environmental Conditions			
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%		
Mechanical Specifications for Main Chassis			
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)		
Network Interfaces			
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

Splicing Option to
Existing ODF

Cable Managers

Slider Suspended
Mounting

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

Integrated LCU
to RCU Cabling