



**Connectivity
without limits.**

**Ultra-compact
cellular and satellite
technology.**



Vehicle-as-a-Node Technology.

HyphaONE Mini S turns the roof of your vehicle or vessel into a powerful mobile network hub ensuring your team or crew stay connected at all times – all with one single cable connection.

Connectivity.

Leverage the power of Starlink satellites and 4G/5G to stay linked to crucial resources, with end-to-end encryption.

Versatility.

Integrate the tools, systems and channels you already use into a single multi-bearer hub with seamless transitioning.

Mobility.

Take your connection with you and use it like any Wi-Fi network – sharing real-time data from your preferred smart devices.



Ready for
rapid deployment



Reliable connectivity in
extreme environments



Strengthening response &
recovery efforts



Effective coordination
**between command centers
and field teams**



Leverage custom configuration to
prioritize critical applications

STARLINK | Authorized
Reseller



Voice and Data **Beyond** Networks



**Connect smarter.
Not harder.**



Single cable installation.

HyphaONE Mini S integrates a Starlink Mini, Peplink router, cellular networks, antennas, and intelligent power management, designed for maximum efficiency. Connect frontline personnel and remote workers to high-speed data with a single device and a simple install process, saving time, space, and power.

Ultra-compact satellite technology.

Hypha is creating a world where every remote worker can stay connected to cellular and high-speed internet, regardless of their environment or conditions.



Up to 1 Gbps



33 - 48 W



110° field of view

STARLINK

Authorized
Reseller

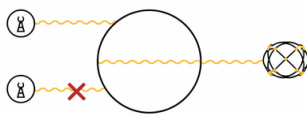


Voice and Data **Beyond** Networks

Peplink

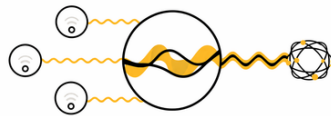
BR1 Pro (5GK)

- 5G and Wi-Fi 6 capable
- Edge compute capability
- Ideal for up to 150 devices
- Advanced SpeedFusion options
- Especially suited for emergency services
- PrimeCare included
- Dual eSim & single physical SIM slot
- TAA & FCC compliant



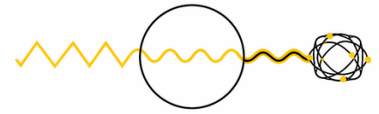
Hot Failover

Switches between networks without interruption
Maintains active sessions.



Bandwidth Bonding

Combines multiple connections into one, increasing speed and overall throughput.



WAN Smoothing

Eliminates jitter and packet loss, duplicates traffic and selects the best path.

Hypha: Turning Good Products into Great Experiences

All-Inclusive Managed Service Plans

Configuration Options

Basic (Included with MSP)

- Standard QoS policies prioritizing carrier SIM
- Wi-Fi optimization
- Wi-Fi calling priority

Silver - 15 hours

- Multiple SSIDs and passwords.
- Setting up SpeedFusion tunnels and prioritization for voice, data, video, etc.
- Assumes a consistent configuration across all devices

Gold - 50 hours

- Silver +
- Captive portals for public Wi-Fi.
- Integrations for MDTs, AVL systems, etc.
- Bespoke application or API builds.
- Additional custom requests available.

**Plans may be stacked to meet unique configuration needs*

Enhanced Hypha Support

- 1-year Manufacturer Warranty
- 24/7 live support (no chatting with bots)
- Hypha Connect Portal
- 3-years PrimeCare
- Consolidated billing
- Various Starlink data plans

Specifications



POWER MANAGEMENT

Internal DC/DC converter ensures stable operation

Operating voltage

10 – 32V DC

Power consumption

33 – 48W (Nominal) – 80W (Maximum)

Automotive ignition sensing



ENVIRONMENTAL

Operating temperature range

-22°F to 122°F* (-30°C to 50°C)

Ingress protection rating

IP69 (with connectors mated)

** Temperature may vary with the black color.*



PHYSICAL

Dimensions

23.1 x 13.8 x 3.4 inches

Weight

~ 14.3 lbs

Mounting methods

- Vehicle roof mounting (M6 bolts)
- 4x M8 threads into housing
- Magnetic mounting

Base plate material

Aluminum base with fins (Passively cooled)

External material

Injection moulded plastic



NETWORKING

Maximum router throughput

Up to 1 Gbps

Supported cellular bands

- 617 MHz – 6 GHz (5G)
- Available with radio modules for US, APAC and Global

WiFi frequency bands

- 2.4GHz / 5.8GHz
- 2x2 Wi-Fi 6, dual-band

Network interfaces

1x Gigabit Ethernet Port (IP69 when mated)

Accessories

- Mag Mount Kit
- Wiring Kits



ANTENNAS

Starlink

Electronic phased array, 110° field of view

Cellular

5G (617–960 MHz, 1710–7200 MHz)

Wi-Fi

Dual-band 2.4GHz / 5GHz

GNSS

GPS, GLONASS, BeiDou, Galileo



PEPLINK

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