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# STARLINK

## STARLINK 109410 Electronic Phased Array



## **PERFORMANCE KIT**

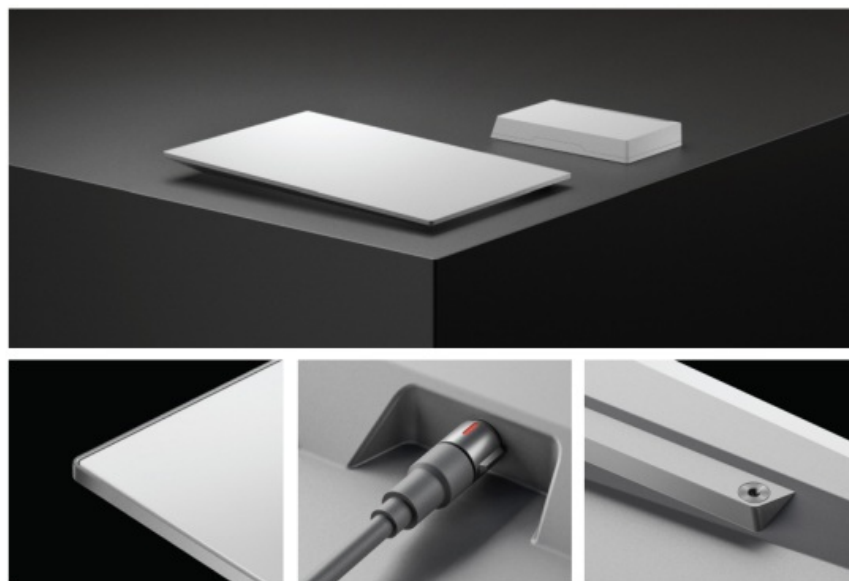
### **STARLINK PERFORMANCE HIGHLIGHTS**

Designed for resilient connectivity in remote areas and harsh environments, including extreme weather, high-vibration settings, and in-motion usage.

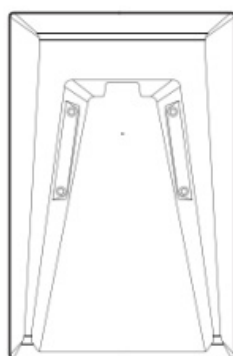
- The Starlink Performance Kit is currently capable of download speeds up to 400+ Mbps for fast, reliable connectivity whenever you need it. Starlink is focused on making network enhancements which will enable gigabit speeds starting in the most remote places on Earth with the Performance Kit. Service plan upgrades will be available in 2026. No hardware changes needed.
- Capable of enduring winds up to 270+ kph (170+ mph) and temperatures from -40°C to 60°C (-40°F to 140°F).
- Enhanced snow melting capacity, featuring an IP68 (unplugged) – IP69K (plugged) waterproof rating. Suitable for 1 meter of water submersion for up to 30 minutes and pressure washing.
- The Advanced Power Supply included with the Starlink Performance Kit is rack-mountable, operates on both AC and DC power, and supports DC input with a backup battery for uninterrupted operation. It features smart diagnostics, a high-power PoE

port, and a LAN port, offering real-time monitoring, seamless connectivity, and reliable performance for demanding network and industrial applications.

- Designed for 10-year mission life. See Durability Guide for more details.



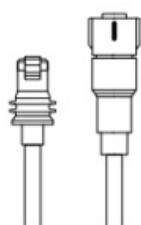
## What's In The Box



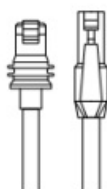
Starlink Performance Dish



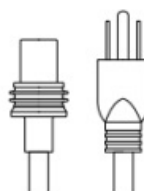
Advanced Power Supply



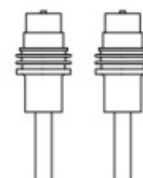
Starlink Performance Cable  
25 m  
(82 ft)



Starlink Ethernet Cable  
5 m  
(16.4 ft)



Starlink AC Power Cable  
1.5 m  
(4.9 ft)



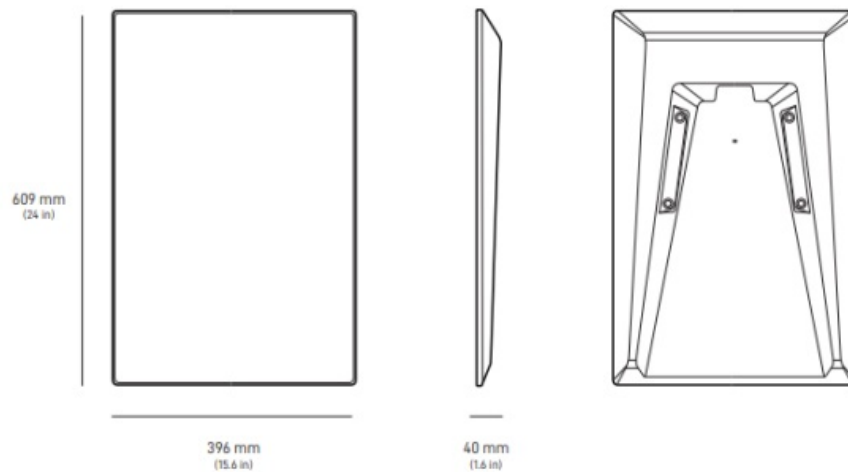
Starlink DC Power Cable  
1.5 m  
(4.9 ft)

## Dimensions

- **Package Weight:** 11.8 kg (26 lbs)

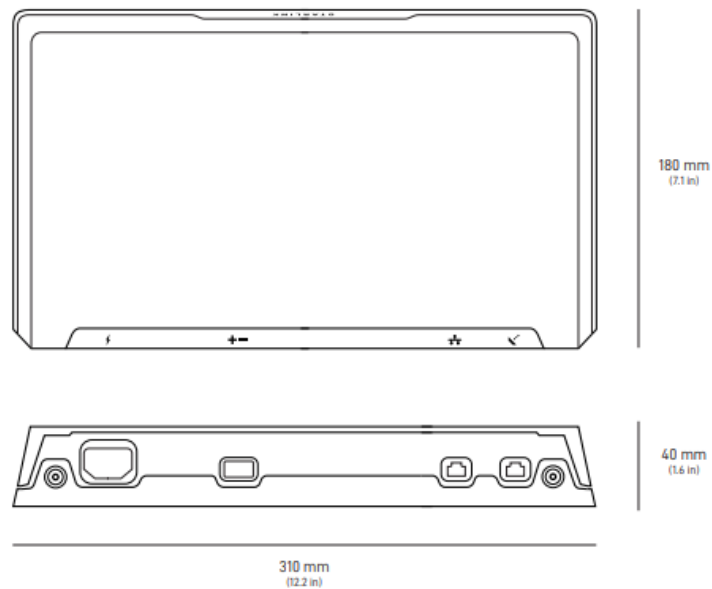
- **Package Dimensions:** 686 x 454 x 121 mm (27.0 x 17.9 x 4.8 in)

## PERFORMANCE



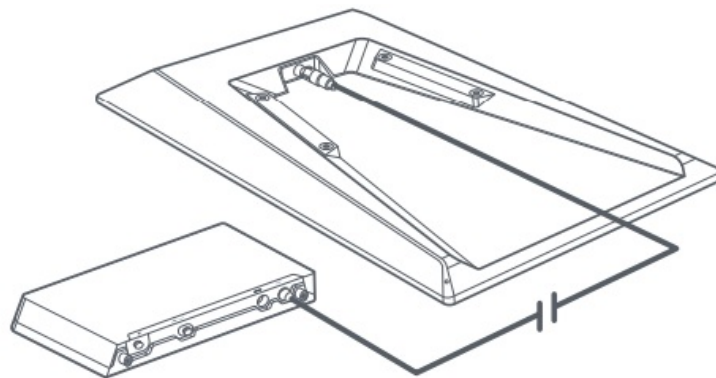
- Antenna Electronic Phased Array
- Field of View 110°
- Orientation Software Assisted Manual Orienting
- Weight 5.2 kg (11.5 lb)
- Environmental Rating IP69K (with cables installed)  
IP68 (no cables installed)
- Operating Temperature -40°C to 60°C (-40°F to 140°F)
- Wind Speed Survivable: 280 kph+ (174 mph+)
- Snow Melt Capability Up to 85mm / hour (3.5 in / hour)
- Power Consumption Average: 75 – 100 W
- Router Compatibility Starlink Gen3 Router  
Starlink Mini Mesh Router  
3rd Party Routers

## ADVANCED POWER SUPPLY

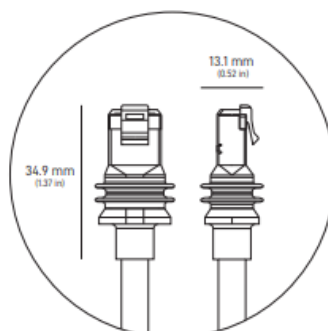


- Product Dimensions 310 mm x 180 mm x 40 mm (12.2 in x 7.1 in x 1.6in)
- Weight 2.1 kg (4.6 lbs)
- Environmental Rating IP68 (with cables installed or plugged)
- Operating Temperature -40°C to 60°C (-40°F to 140°F)
- Power Specifications 100-240VAC, 12V-56VDC

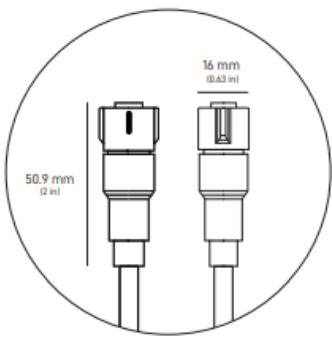
## PERFORMANCE CABLE



### Pin 1

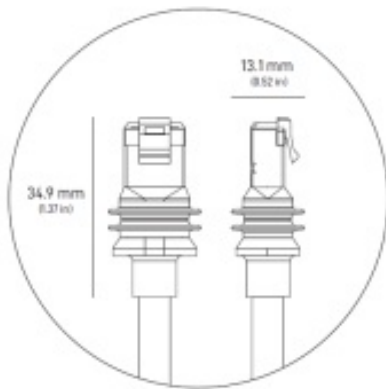
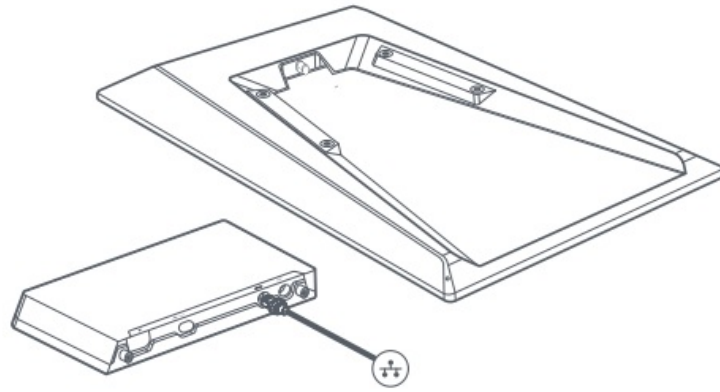


Pin 2



Pin 1	Wire Color	Pin 2
Shield	Drain – Bare Wire	Shield
8	Brown	6
7	White / Brown	5
6	Green	4
5	White / Blue	7
4	Blue	8
3	White / Green	3
2	Orange	2
1	White / Orange	1

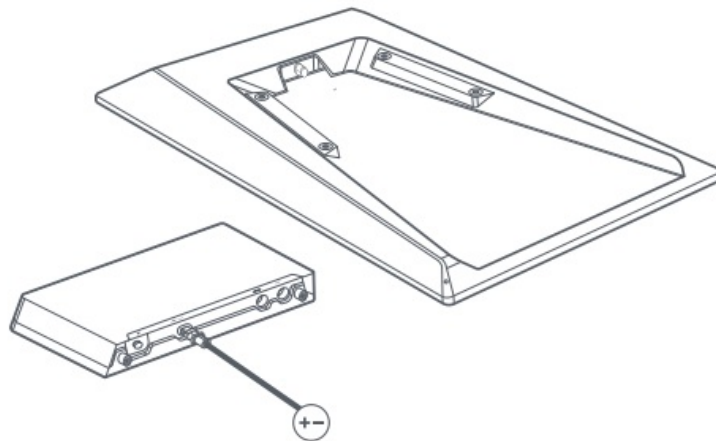
STARLINK ETHERNET CABLE

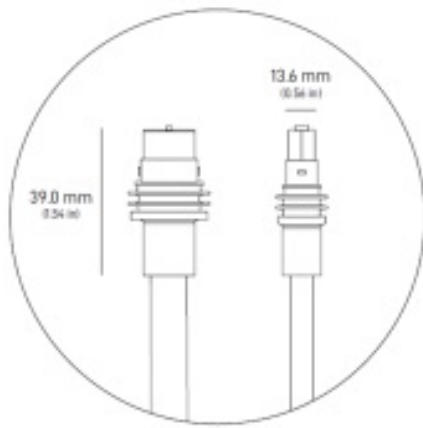


Wire Color	Pin 1
Drain - Bare Wire	Shield
Brown	8
White / Brown	7
Green	6
White / Blue	5
Blue	4
White / Green	3
Orange	2
White / Orange	1



## DC POWER CABLE

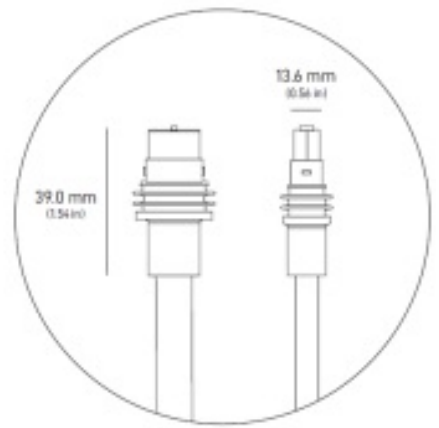




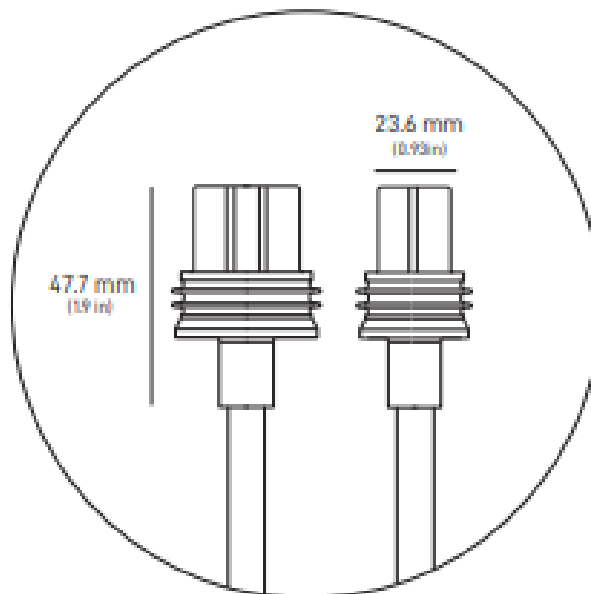
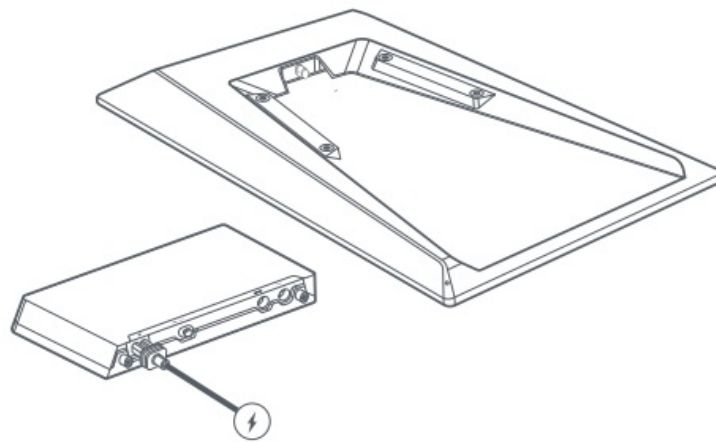
**Pin 1**  
Positive  
Negative

**Wire Color**  
Red  
Black

**Pin 2**  
Positive  
Negative



## AC POWER CABLE

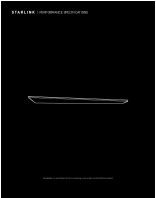


Pin 1	Wire Color	Pin 2
Ground	Green	Ground

Neutral	White	Neutral
Hot	Black	Hot

[support.starlink.com](https://support.starlink.com)

## Documents / Resources

	<p><a href="#">STARLINK 109410 Electronic Phased Array [pdf]</a> User Manual</p> <p>109410, 109406, 109410 Electronic Phased Array, 109410, Electronic Phased Array, Phased Array, Array</p>
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## References

- [User Manual](#)

109406, 109410, 109410 Electronic Phased Array, Array, Electronic Phased Array, Phased Array, Starlink Starlink

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